

CURRICULUM VITAE

AL JUBAER

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EDUCATION

- 2018-2020 : MSc (Master of Science) in **Computer Science and Engineering**, Royal University of Dhaka. (weekend Master's Program), Thesis Title: *Sensor Technology for Global Positioning and Identification in Universal Computing System*. Supervisor: Mosarrof Hossain.
- 2017-2018 : MSc (Master of Science) in **Geography and Environment**, Jahangirnagar University. Thesis Title: *An Assessment of Sea Surface Temperatures in The Bay of Bengal, A GIS And Remote Sensing Based Case Study*. Supervisor: Professor Dr. Sheikh Tawhidul Islam
- 2014-2014 : BSc (Bachelor of Science) in **Geography and Environment**, Jahangirnagar University. Thesis Title: *Rapid Populations Growth and Land Use / Land Cover Changes (A Case Study on Kamrangirchar Thana Dhaka Metropolitan Area)*. Supervisor: Professor Dr. Sheikh Tawhidul Islam.

PROFESSIONAL EXPERIENCE

Jan 2025 to Present : **Senior Research Officer**, Population Science, Health Systems and Population Studies Division, icddr,b, Dhaka, Bangladesh.

Sept 2024 to Jan 2025 : Research Consultant (Geo-spatial), School of Engineering and Technology (SET), Asian Institute of Technology (AIT), Bangkok, Thailand.

Key Responsibilities:

- Conducted quantitative and qualitative analyses and explored resilience perspectives based on project objectives.
- Contributed to the drafting of journal papers and blogs, with work primarily focused on activities related to the IOM RICD project.
- Developed monthly and output-based reports as required and maintained the project workflow and digital resources.
- Coordinated with the funding agency, partner organizations, and consultants.

Key Project:

- The support of the development of the risk index for climate displacement (RICD) by the Asian Institute of Technology (IOM).

Aug 2023-July 2024 : **Research Engineer**, Department of Public Health, Jahangirnagar University and Department of Civil Engineering, United International University, Bangladesh.

- Collaborated with the PI and Co-PIs on a daily basis for research project activities.
- Developed research content with a 40 hours per week workload.
- Ensured the authenticity and accuracy of research data and literature.
- Attended research project meetings regularly and worked on writing and publishing research journal articles in high-impact journals.
- Supported other works assigned by the PI and Co-PIs.

Key Project:

- Quantitative evaluation of spatial and temporal urban scale air quality using satellite images and verification by on-ground air quality sensor monitoring.

Dec 2021- July 2023 : **Project Officer** (SERVIR-HKH), Institute of Remote Sensing and GIS, Jahangirnagar University, Dhaka, Bangladesh.

- Assessed and maintained documents, established collaboration, and communicated with government agencies and other stakeholders in Bangladesh.
- Facilitated meetings, workshops, and seminars, and communicated regularly with ICIMOD.

- Wrote reports and presented findings to relevant stakeholders as appropriate.
- Provided consulting services related to the deliverables for the "Implementation of SERVIR-HKH services in Bangladesh and institutional capacity building of IRS-JU" project.

Key Project:

- Implementation of SERVIR-HKH services in Bangladesh and institutional capacity building of IRS-JU.

- Jun 2020-Jul 2021 : **Geo-spatial Data Analyst**, Science Connect Ltd., Dhaka Bangladesh.
- Processed, cleaned, and analyzed large geo-spatial datasets to identify trends, patterns, and insights relevant to client projects.
 - Developed automated scripts and workflows for efficient data processing and analysis using programming languages and geo-spatial software.
 - Created detailed maps, dashboards, and data visualizations to effectively communicate complex geo-spatial information to non-technical audiences.
 - Collaborated remotely with project managers and clients to define data requirements and ensure the final deliverables met project specifications.

Key Projects:

- Child Labor Action Research Innovations in Southern and South-Eastern Asia.
- The Climate Innovation Challenge – Innovation for Climate Adaptation and Resilience OUSA Project Replicability in Bangladesh.

- Sept 2019- Aug 2020 : Project Associate, Institute of Remote Sensing and GIS, Jahangirnagar University, Dhaka, Bangladesh.
- Supported project teams in the collection, organization, and validation of geo-spatial data for various research and development initiatives.
 - Performed foundational GIS tasks, including data digitization, attribute management, and creating preliminary maps for project reports.
 - Assisted in the logistical planning of project activities, including coordinating meetings, field visits, and communication with internal and external partners.
 - Contributed to the writing and editing of project documents, progress reports, and research summaries.

Key Project:

- Biodiversity Assessment and Carbon Stock Estimation Using UAV (Unmanned Aerial Vehicle) in Jahangirnagar University.

- Sept 2018-Aug 2019 : **Remote Sensing Expert**, Projection of Climate and Developing a Dashboard for Vulnerability and Risk Calculation and Spatial Data Management. Institute of Remote Sensing and GIS & UNDP.
- Applied GIS and remote sensing expertise to develop geospatial databases and analysis frameworks.
 - Engaged with local youth and communities to collect data and perform actions for flood risk management.
 - Led the development of a geospatial database for flood vulnerability reduction.
 - Provided technical guidance and insights to enhance project outcomes for the Ministry of Science and Technology.

Key Project:

- Citizen Science for Reduction of Flood Vulnerability in Selected Districts of Bangladesh: Development of Geospatial Database Involving Local Youth and Performing Actions towards Flood Risk Management.

- July 2018-Aug 2018 : **Data Enumerator**, Automation Process Registration through tablet PC, Manabik Shahajya Sangstha, Save the Children.
- Conducted on-site data collection with community members using tablet PCs for an automated registration and enrollment process.

- Ensured the accuracy, completeness, and confidentiality of all data entries by adhering strictly to predefined project protocols.
- Provided first-line technical support for the data collection devices, troubleshooting minor issues to maintain a smooth workflow.
- Maintained professional communication with project beneficiaries and field supervisors, reporting daily progress and any challenges encountered.

Aug 2017- June 2018 : **Research Assistant**, Institute of Remote Sensing and GIS, Jahangirnagar University, Dhaka, Bangladesh.

- Assisted senior researchers with literature reviews, data collection, and preliminary analysis for ongoing projects.
- Entered and organized project data in databases and spreadsheets, performing regular data quality checks to ensure accuracy.
- Carried out basic geo-spatial analysis and map creation under the guidance of project experts.
- Supported the preparation of research materials, including presentations, posters, and summaries of research findings.

Key Projects

- Urban Heat Island Effect and Building Density: A Geospatial Inquiry on Rangpur City Corporation.
- An Assessment of the Causes and Consequences of Landslides (2017) in Southeastern Parts of Bangladesh.
- Strategy and Road Map for BIWTA on Sustainable Non-Perishable Single Use Plastic Management Plan in River Port Areas and Action Plan for Plastic Contamination Free Waterways.
- Assessing the Impacts of Climate Change on Microfinance Ecosystem in Bangladesh.
- Preparation of Ward Poverty Atlas and Urban Poverty Profile for 09 Cities.

SELECTED PROJECTS

Jan 2025 to Present	<i>Developing an Open-source Software Application for Community Level Cholera Outbreak-Risk Prediction and Feedback through Early Warning Systems (CholOut-EWS), Wellcome Trust Grant Amount: USD 559,434 Award Date: 25/01/2023.</i> Role: Senior Research Officer, Population Science, Health Systems and Population Studies Division, icddr,b, Dhaka, Bangladesh.
Sept 2024 to Jan 2025	<i>Project Title: IOM RICD project geospatial data analysis of Climate Risk and Displacement for Indonesia. Climate hazards, Exposure and vulnerability.</i> Role: Research Consultant (Geo-spatial), School of Engineering and Technology (SET), Asian Institute of Technology (AIT), Bangkok, Thailand.
Aug 2021-Jul 2024	<i>Project Title: Implementation of SERVIR-HKH services in Bangladesh and institutional capacity building of IRS-JU.</i> Role: Project Officer, Institute of Remote Sensing and GIS & ICIMOD
Mar 2023 to Feb 2024	<i>Project Title: Quantitative evaluation of spatial and temporal urban scale air quality using satellite images and verification by on-ground air quality sensor monitoring.</i> Research Engineer, United International University
Oct 2023 to Sept 2024	<i>Project Title: Biodiversity Assessment and Carbon Stock Estimation Using UAV (Unmanned Aerial Vehicle) in Jahangirnagar University.</i> Project Associate, Institute of Remote Sensing and GIS (IRS)
Jun 2022 to Jun 2023	<i>Project Title: Urban Heat Island Effect and Building Density: A Geospatial Inquiry on Rangpur City Corporation.</i> Research Assistant, IRS & Ministry of Science and Technology
Jun 2022-Jun 2023	<i>Project Title: An Assessment of the Causes and Consequences of Landslides (2017) in Southeastern Parts of Bangladesh.</i> Research Assistant, IRS & Ministry of Science and Technology

- Jun 2022 to Jun 2023 : *Project Title: Citizen Science for Reduction of Flood Vulnerability in Selected Districts of Bangladesh: Development of Geospatial Database Involving Local Youth and Performing Actions towards Flood Risk Management.*
GIS and Remote Sensing Expert, IRS & Ministry of Science and Technology
- Jan 2023 to Dec 2023 : *Project Title: Strategy and Road Map for BIWTA on Sustainable Non-Perishable Single Use Plastic Management Plan in River Port Areas and Action Plan for Plastic Contamination Free Waterways.*
Research Assistant, Institute of Remote Sensing and GIS & BIWTA
- Jan 2023 to Dec 2023 : *Project Title: Assessing the Impacts of Climate Change on Microfinance Ecosystem in Bangladesh.* Research Assistant, Institute of Remote Sensing and GIS & MRA
- Jan 2023 to Dec 2023 : *Project Title: Child Labor Action Research Innovations in Southern and South-Eastern Asia.*
Geospatial Data Analyst, Science Connect Ltd. and Save the Children.
- Jan 2023 to Dec 2023 : *Project Title: The Climate Innovation Challenge – Innovation for Climate Adaptation and Resilience OUSA Project Replicability in Bangladesh.* Geospatial Data Analyst Science Connect & AIT, Thailand
- Jan 2023 to Dec 2023 : *Project Title: Projection of Climate and Developing a Dashboard for Vulnerability and Risk Calculation and Spatial Data Management.* GIS Expert, Institute of Remote Sensing and GIS & UNDP.
- Jul 2023 to Jun 2023 : *Project Title: Preparation of Ward Poverty Atlas and Urban Poverty Profile for 09 Cities.* Research Assistant, DM Watch and UNDP.
- Jan 2022 to Dec 2022 : *Project Title: Do perception factors affect adaptation behaviors against air pollution among vulnerable occupation groups? Evidence from Chittagong and Dehradun.* Database Developer, Science Connect & TDH.

TEACHING EXPERIENCE

- April 2024 : *Localization in empowering community towards resilience.* **Instructor**, CARN-AP & PRISM, India
- 29 May 2024 : *Exploring Geospatial Technologies: Training on OSM, HOT OSM, and Mapillary.* **Instructor**, Youth Mappers at IRS, Jahangirnagar University
- 30 Jul-2 Aug, 2023 : *Advanced GIS and Remote Sensing Training Program.* **Instructor**, Institute of Remote Sensing and GIS (IRS)
- 8 Mar 2023 : *International Women's Day Special Mapathon Empowering Women in Geospatial Technologies.* **Instructor**, Youth Mappers at IRS, Jahangirnagar University.
- 16 Oct, 2022 : *Visualization workshop with the children for analyzing journey mapping.* **Instructor**, CLARISSA Project, Terre des hommes
- 23-31 Mar 2019 : *2nd specialized training course on Applications of GIS and Remote Sensing.* **Instructor**, Institute of Remote Sensing and GIS (IRS).
- 05-9 Jul 2019 : *2nd Training on Google earth Engine (GEE).* **Instructor**, Institute of Remote Sensing and GIS (IRS).
- 30 Nov-15 Dec 2018 : *Training program for Professionals on Remote Sensing (RS) and Geographic Information System (GIS).* Trainer Assistant, Institute of Remote Sensing and GIS (IRS)
- 14-15 Sept 2018 : *Training on Geographic Information System and Remote Sensing,* **Instructor**, Institute of Remote Sensing and GIS (IRS)
- 29 Jul to 2 Aug 2018 : *Training on "Geospatial Applications for Women.* **Instructor**, Institute of Remote Sensing and GIS (IRS)
- 12-16 May 2018 : *Certificate course on "Remote Sensing.* **Instructor**, Institute of Remote Sensing and GIS (IRS)
- 22-30 Apr 2018 : *Certificate training course on "Application of GIS and Remote Sensing in Military navigation and Mapping" (specially for Bangladesh Army).* **Instructor**, Institute of Remote Sensing and GIS (IRS)
- 16-22 Feb 2018 : *Certificate training course on "Basic GIS and Remote Sensing.* **Instructor**, Institute of Remote Sensing and GIS (IRS)
- 16-22 Feb 2018 : *Training on "Basic Understanding of Geospatial Technologies.* **Instructor**, Institute of Remote Sensing and GIS (IRS)
- 08-12 Dec, 2017 : *Training on Spatial Analysis using "R".* **Instructor**, Institute of Remote Sensing and GIS (IRS)

AREA OF INTEREST

- GIS & REMOTE SENSING : A passionate and skilled professional in Geographic Information Systems (**GIS**) and **Remote Sensing**, with a focus on leveraging **geospatial data** for actionable insights. My expertise includes **spatial analysis** and **modeling**, **satellite image processing**, and **land use/land cover mapping**. I have practical experience in Digital Elevation Model (**DEM**) analysis and integrating drone mapping data. I specialize in applying these techniques to critical areas such as **disaster risk management** (including **flood** and **drought** analysis), **forest cover assessment**, and **precision agriculture**. I am proficient in **geo-statistics** and data **visualization**, translating complex data into clear, impactful findings.
- GRAPHICS & MOTION DESIGN : A creative and technically skilled **Graphics** and **Motion Designer** with a specialized interest in **geospatial visualization** and **communication**. I am proficient in developing **data-driven infographics** and creating compelling 3D models for **geospatial applications**. My expertise extends to producing **animated maps**, **geo-visualizations**, and **building engaging interactive web mapping** applications. I also have experience in **crafting storyboards** and **motion graphics** for **spatial narratives** and leveraging **video editing** to effectively explain complex **geospatial concepts**. Additionally, I am adept at **branding** and **logo creation** for **GIS-related** projects, ensuring a cohesive **visual identity** across all platforms.
- SPECIAL INTERESTS My special interests lie at the intersection of technology, data science, and environmental and urban challenges. I am particularly interested in leveraging geospatial data for **climate change monitoring** and analysis. My focus also extends to **smart cities and infrastructure development**, where I explore how location intelligence can be used to create more sustainable and efficient **urban environments**. Additionally, I am passionate about applying **advanced analytical techniques**, specifically **machine learning** in **geospatial analysis**, to extract deeper insights and predictive capabilities from complex spatial datasets.

RESEARCH AND PUBLICATION

PUBLISHED PUBLICATIONS

- 2025 Mondal, K. P., Islam, S. T., Sanyal, N., Shuvo, S. R. S., Mahmud, M. M., Chakraborty, D., Miah, M. H., & **Jubaer, A.** (2025). Engaging Youth in flood Risk Management: a citizen science geospatial initiative in Bangladesh. In Lecture notes in civil engineering (pp. 153–169). https://doi.org/10.1007/978-981-96-7488-6_9
- 2025 Dey, A., Islam, S.T., **Jubaer, A.** (2025). River People Civilizations in the Riverine Bengal Delta (book in Bengali language). Contract signed with Parul Prokashani, (Kolkata, India).
- 2025 Dey, A., Islam, S.T., Bandyopadhyaya, S., Sanyal, N., **Jubaer, A.**, Mishra, D. (2025). Resilience Starts Locally: Enhancing Sustainability Through Localization in Humanitarian Response. In: Pal, I., Shrestha, S., Ninsawat, S., Kolathayar, S. (eds) Proceedings of the 3rd International Symposium on Disaster Resilience and Sustainable Development—Volume 1. DRSD 2023. Lecture Notes in Civil Engineering, vol 623. Springer, Singapore. https://doi.org/10.1007/978-981-96-2139-2_13.
- 2025 Mondal, K. P., **Jubaer, A.**, Samad, S., Sarkar, M., Rahman, S. H., Islam, S. T., & Talukder, B. (2025). Wetlands of Bangladesh. In Wetlands of Tropical and Subtropical Asia and Africa (pp. 19–39). Wiley. <https://doi.org/10.1002/9781394235278.ch2>
- 2025 **Jubaer, A.**, Hossain, R., Ahmed, A. et al. Factors influencing spatiotemporal variability of NO2 concentration in urban area: a GIS and remote sensing–based approach. Environ Monit Assess 197, 167 (2025). <https://doi.org/10.1007/s10661-024-13531-z>
- 2024 Sheikh Tawhidul Islam; Md. Hiru Miah; **Al Jubaer**; Krishna Prosad Mondal; Md. Munir Mahmud, “An Assessment of the Causes and Consequences of Landslides (2017) Occurred in the Southeastern Areas of Bangladesh,” p. 16, 2024. [10.3329/jscitr.v5i1.74011](https://doi.org/10.3329/jscitr.v5i1.74011).

- 2022 Dey A, Islam ST, Paul B, **Jubaer, A.**, et al. *Waterlogging mitigation and safe water supply: lessons learnt from low-lying areas of Basirhat municipality, India*. Int J Disaster Resil Built Environ. Published online 2022. [doi:10.1108/ijdrbe-08-2021-0106](https://doi.org/10.1108/ijdrbe-08-2021-0106).
- 2022 D. Chakraborty, K. Prosad, and **Jubaer, A.**, *Health impacts of rapid-onset event: 2022 flash flood in Bangladesh*, no. i. Elsevier Inc., 2022. [doi: 10.1016/B978-0-443-18515-1.00004-6](https://doi.org/10.1016/B978-0-443-18515-1.00004-6).

CONFERENCE PROCEEDINGS

- 2023 Krishna Prosad Mondal, Sheikh Tawhidul Islam, Nandini Sanyal, Sakib Rahman Siddique Shuvo, Munir Mahmud, Dibakar Chakraborty, Md. Hiru Miah, Al Jubaer. “Engaging Youth in Flood Risk Management: A Citizen Science Geospatial Initiative in Bangladesh.” 3rd International Symposium On Disaster Resilience And Sustainable Development 2023, Bangkok, Thailand.
- 2023 Aniruddha Dey, Sheikh Tawhidul Islam, Swarnabha Bandyopadhyaya, Md. Asadujjaman, Al Jubaer. Resilience Starts Locally: Enhancing Sustainability Through Localization in The Deltaic Regions Of Bengal Basin.” 3rd International Symposium On Disaster Resilience And Sustainable Development 2023, Bangkok, Thailand.
- 2023 Jubaer. A, Islam St, Bandyopadhyay S. Temporal and Spatial Analysis Of Sea Surface Temperature In The Bay Of Bengal: A Comprehensive Study From 1999 To 2018. Published Online 2023.

ONGOING PUBLICATIONS

- 2025 Jubaer, A. (et al.), (2025) Flood Modelling in Flash Flood Haor and Hilly Area in Bangladesh.
- 2025 Ghosh, P. K., Sagar, M. S., Das, S., Hasan, M. M., Ara, R., Mizan, A., Al Amin, M., Ikram, S. M., Azad, D. T., Sultana, N., Jubaer, A., Haq, M. Z., & Hanifi, S. M. A. (2025). Prevalence and determinants of childhood diarrhoeal illness in coastal Bangladesh: Evidence from a demographic surveillance system from 2022 to 2024 in Chakaria sub-district. International Centre for Diarrhoeal Disease Research, Bangladesh (icddr,b).
- 2025 Ghosh, P. K., Das, S., Sagar, M. S., Hasan, M. M., Haq, M. Z., Al Amin, M., Ara, R., Sultana, N., Azad, D. T., Mizan, A., Jubaer, A., & Hanifi, S. M. A. (2025). Risk prediction models for cholera outbreak forecasting in Bangladesh: A comparative study of statistical, machine learning, and deep learning models. International Centre for Diarrhoeal Disease Research, Bangladesh (icddr,b).
- 2025 M.M Rahman, S.h Rahman, S.t Islam, K.P Mondal, Jubaer. A (2024), Assessment of Timber Species Diversity And Carbon Stock In Jahangirnagar University Campus Area.

SELECTED RESEARCH & REPORTS

1. **Strategy and Road Map for BIWTA:** Developed a sustainable management plan for non-perishable single-use plastic in river port areas, including an action plan for plastic contamination-free waterways (2022).
2. **Urban Heat Island Analysis:** Conducted a study on Urban Heat Island and building density in Rangpur City.
3. **Poverty Atlas:** Prepared a Ward Poverty Atlas and Urban Poverty Profile.
4. **Flood Vulnerability:** Utilized citizen science for the reduction of flood vulnerability in selected districts of Bangladesh.
5. **Landslide Assessment:** An assessment of the causes and consequences of landslides (2017).
6. **Participatory GIS:** Led a project on Participatory GIS-based risk mapping.
7. **MPDS Project:** Conducted scoping assessments of the MPDS Project.

SELECTED DESIGN & VISUALIZATION PROJECTS

1. **Bangladesh Wetland Atlas:** Created the visual design and layout for the Bangladesh Wetland Atlas (2023).
2. **Brochure Design:** Designed official brochures for the Institute of Remote Sensing and GIS, Jahangirnagar University (2023).
3. **Development Brochure:** Developed a development brochure for Pirganj Upazila, Rangpur (2023).

4. **Admission Prospectus:** Designed the admission prospectus for the Institute of Remote Sensing and GIS (2022).
5. **Bangladesh from the Space:** Created the design for the "Bangladesh from the Space" publication (2022).
6. **Biodiversity Atlas:** Designed the Bangladesh Biodiversity Atlas (2021).

PROFESSIONAL MEMBERSHIPS & LEADERSHIP

1. **Institute of Electrical and Electronics Engineers (IEEE)**, General Member (2022)
2. **Climate Action Resources Network - Asia Pacific (CARN-AP)**, Founding Member (2022)
3. **Youth Mappers at IRS, Jahangirnagar University Chapter**, Founding President (2017)
4. **Jashore District Students Welfare Association, Jahangirnagar University**, Vice President (2018)

AWARDS & HONORS

- 1 **Open Data Day Mapathon Champion**, Open Mapping Hub, Asia-Pacific (2022)
- 2 **World Environment Day Mapathon Winner**, Open Innovation Lab (BOIL) (2022)
- 3 **Community Mapping Winner**, Open Mapping Hub, Asia-Pacific (2022)
- 4 **South Asia Mapathon Runners-Up**, Open Mapping Hub, Asia-Pacific
- 5 **Mapillary Global Contribution, 3rd Position**, Mapillary Global (2017)

PROFESSIONAL & PERSONAL SKILLS

GIS & Remote Sensing	
GIS Software	ArcGIS Pro, QGIS, GeoServer, Erdas Imagine, ArcMap, ArcScene, ArcGlobe
Web GIS Development	OpenLayers, Leaflet, React, Django, JavaScript, Python, PostgreSQL, PostGIS, VS Code
Remote Sensing Analysis	Google Earth Engine (GEE), Raster & Image Classification (Supervised & Unsupervised), NDVI, DEM & Slope Analysis, Image Filters & Enhancement, Texture Analysis
GIS Programming & Libraries	Python (ArcPy, GeoPandas, GDAL, OGR), JavaScript, Leaflet JS, MapBox, Google Earth Engine
Web Development & Programming	
Back-End Development	Node.js, Python (Django)
Front-End Development:	HTML, CSS, JavaScript, React, Bootstrap
Databases	PostgreSQL, MySQL, MongoDB, SQL Server
Version Control	Git (GitHub, GitLab)
Python Libraries	NumPy, Pandas, Matplotlib, Scrappy, SciPy
Graphics & UI/UX Design	
Design Tools	Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Figma, Adobe XD, Canva
Graphics & Illustration	Logo Design, Brochures, Posters, Banners, Social Media Ads, UI Design, Resume & Cover Letter Design
Photo & Image Editing	Photo Retouching, Color Correction, Background Removal, Image Masking
Desktop Publishing	E-book & Magazine Layout, Book Formatting, Company Proposals
Surveying & Data Collection	
Tools & Platforms	ArcGIS Survey123, KoboCollect, Google Forms, Google Maps, OpenStreetMap, QGIS
Skills	I have hands-on experience using both mobile and web-based platforms for field data collection and surveying. This includes designing survey forms, managing data flow, and performing on-site data entry. I am also skilled in editing and updating online maps to ensure accuracy and relevance. My knowledge of these tools allows me to manage the entire data collection process from planning to final data output.

Motion Graphics & Videography	
Software	Adobe After Effects, Adobe Premiere Pro, Maxon Cinema 4D, Blender, Maya
Skills	I specialize in creating 2D and 3D motion graphics for various platforms, including social media ads and animated explainer videos. My expertise includes video editing and color grading , logo and title animation, and crafting visual effects. I am also proficient in creating openers, lower thirds, and subtitles for a wide range of video content.

TRAINING, WORKSHOP, SEMINARS AND CONFERENCE IN SPECIAL SUBJECTS IN VARIOUS INSTITUTES ROLE AS PARTICIPANTS & VOLUNTEER

20 May 2024	: Youth Mappers Annual Gathering: 2023 Recap & Future Pathways Institute of Remote Sensing and GIS, Participants
26 January 2024	: Youth Mappers Conference on Geospatial Technology in Action. Institute of Remote Sensing and GIS, Participants
May 2024	: PowerPoint Masterclass, Bohubrihi, Participants
January 2024	: Typing Test, Typingtest.com, Participants
May 2024	: Earth observation for improving forest carbon estimation and degradation monitoring in Bangladesh, ICIMOD, Nepal, Participants
December 2023	: Make CV in Professional Way, Bright Skills, Participants
November 2023	: Be Professional with LinkedIn, Bright Skills, Participants
May 2024	: Professionalize your LinkedIn Profile with ChatGPT, Bright Skills, Participants
29-30 Jul 2022	: Training on Digital Data Collection/analysis using Kobo Toolbox, ICIMOD, Kathmandu Nepal, Participants
26 Jul, 2022	: Mapping Day - 2022, Open Source Geospatial Technology in Wetland Management Institute of Remote Sensing and GIS, Jahangirnagar University, Participants
Oct 2022	: Big Geospatial Data Analysis with Google Earth Engine, Udemy, Participants
Sep 2022	: The Google Earth Engine Mega Course Remote Sensing and GIS, Udemy, Participants
Sep 2022	: Google Earth Engine for Machine Learning and Change Detection, Udemy, Participants
Oct 2022	: ArcGIS Desktop for Spatial Analysis Go from Basic To Pro, Udemy, Participants
Jul 2022	: Managing Map Layers in ArcGIS Pro Certificate, ESRI, Participants
Feb 2022	: Basic of AI, 10 Minute School, Participants
Jun 2022	: Kailash CAFE 2.0 Sharing knowledge of a sacred landscape, ICIMOD, Nepal,
Sep 2022	: Certificate of Attendance EUMETSAT 2022, EUMETSAT, Participants
Aug 2022	: Illustrator Masters of Fundamentals, Bohubrihi, Participants
Dec 2022	: Mapping and Spatial Analysis with ArcGIS, Bohubrihi, Participants
Jan 2021	: HydroSAR Training: Extracting Flood Information from SAR, ICIMOD, Participants
Feb 2020	: Basic Graphic Design, 10 Minute School, Participants
Jul 2020	: Introduction to Remote Sensing, GeoUniversity, Participants
Jul 2020	: Introduction to GIS Mapping-1, Coursera, Participants
Sep 2018	: CCNA Routing and Switching, New Horizon, Participants
Aug, 2017	: Training on Google earth Engine (GEE), Institute of Remote Sensing and GIS, Participant,
Nov, 2017	: Training on Open Street Map (OSM), Institute of Remote Sensing and GIS, Participant & Volunteer
Oct 2016	: Citizen Responsibility and Society Development, Sheikh Hasina National Youth Center, Participants

REFERENCE

1	Sheikh Tawhidul Islam PhD (Durham, United Kingdom)	2	Dr S.M. Manzoor Ahmed Hanifi
.	Professor	.	Senior Scientist
	Regional Centre for Space Science and Technology		Population Science
	Education in Asia and the Pacific International Innovation		Health Systems and Population Studies
	Institute, Beihang University, China.		Division
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