

Helalur Rahman Swapon

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Date of Birth: 29 August 2002

Kuabashi, Kuabashi-6610, Foiljana, Chatmohor, Pabna, Bangladesh



CAREER OBJECTIVE

A passionate and dedicated Urban and Regional Planning undergraduate with strong interests in GIS, remote sensing, and spatial data analysis. Proficient in Python programming, ArcGIS, and statistical tools, with hands-on experience in urban research, field surveys, and GIS-based mapping. Aspires to build a career as a GIS Spatial Analyst, applying data-driven approaches to solve real-world urban and environmental challenges.

ACADEMIC CREDENTIAL

Rajshahi University of Engineering & Technology (RUET)

Bachelor of Urban and Regional Planning (BURP), CGPA: 3.40 / 4.00

[December 2021 – Ongoing]

Rajuk Uttara Model College (RUMC)

Higher Secondary Certificate (HSC) – Science

Passing Year: 2020, GPA: 5.00 / 5.00

Foiljana High School (FHS)

Secondary School Certificate (SSC) – Science

Passing Year: 2018, GPA: 5.00 / 5.0

WORK EXPERIENCE

Internship – [Sheltech Consultants \(Pvt.\) Ltd.](#) Dhaka, Bangladesh

Feb 28, 2025 – Mar 25, 2025

- Assisted in urban and infrastructure planning projects through research and GIS-based analysis
- Prepared technical reports and supported consultants in field surveys
- Gained practical exposure to master planning, consultancy workflows, and spatial data handling

Tools: ArcGIS, KoboToolbox, MS Office, GIS Mapping

Research Assistant (RA), [Dhaka North City Corporation](#) (DNCC), Dhaka, Bangladesh

Jun 2, 2024 – Sep 30, 2024

- Designed and conducted surveys and questionnaires
- Collected, processed, and analyzed large-scale urban data
- Produced GIS maps and analytical outputs for research purposes

Tools: ArcGIS, Excel, Stata

Programme Management, “Planning Carnival 2022” – URP, RUET

Nov 20, 2022 – Nov 25, 2022

- Assisted in organizing academic and technical events related to planning and GIS
- Coordinated with students and faculty for smooth program execution

SKILLS SUMMARY

GIS & Remote Sensing	ArcGIS Desktop/Pro (Advanced), QGIS, Google Earth Pro, ERDAS, ENVI, DroneDeploy, Pix4D
Programming	Python, C, HTML
Data Analysis, Database Management & Statistics	Microsoft Excel, SPSS, Stata, MySQL, Microsoft SQL, Microsoft PowerBI
Survey & Field Tools	KoboToolbox, ArcMap, FieldSurvey

Documentation & Collaboration	Microsoft Office Suites, Google Suites, Canva, Mendeley Citation Tools, Jupyter Notebook (Anaconda Navigator).
Soft Skills	Leadership & Adaptability, Time Management, Team Collaboration, Problem Solving, Communication

CERTIFICATIONS

- Drone-Based Geospatial Data Collection and Processing
Department of URP, RUET | GIS Club & Tiller
- Basic Programming with Python
EDGE-RUET IICT Digital Skills Training Program
(RUET × BCC × ICT Division)
- Python Basics – University of Michigan
<https://www.coursera.org/account/accomplishments/records/0VWQ421QIYW6>
- Machine Learning with Python – IBM
<https://www.coursera.org/account/accomplishments/verify/YPMEIAG9BZRK>
- Data Analysis with Python – IBM
<https://www.coursera.org/account/accomplishments/verify/LW2YEVVVDJYJ>
- Deep Learning with Keras & TensorFlow – IBM
<https://www.coursera.org/account/accomplishments/verify/6LHLVF2Q2A4W>
- Introduction to Neural Networks & PyTorch – IBM
<https://www.coursera.org/account/accomplishments/verify/WJHAM8Z04CUI>
- Six Sigma and the Organization (Advanced) – Kennesaw State University
<https://coursera.org/verify/I17HCWKL0H4N>

REFERENCES

Dr. MST Ilme Faridatul

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Dr. Md. Abdul Wakil

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