

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)

[December 2021 – Ongoing]

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

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

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| 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 |

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| 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

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| Dr. MST Ilme Faridatul Professor & Head Department of Urban and Regional Planning (URP) Rajshahi University of Engineering & Technology (RUET) Email: mifaridatul@urp.ruet.ac.bd | Dr. Md. Abdul Wakil Professor Department of Urban and Regional Planning (URP) Rajshahi University of Engineering & Technology (RUET) Email: mawakil@urp.ruet.ac.bd |
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