Anik Kumar Paul

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Data Scientist with a foundation in software engineering and expertise in machine learning, geospatial analysis, and data visualization. Experienced in predictive modeling, automation, and developing insights from large-scale datasets. Passionate about leveraging data to drive policy, innovation, and social impact.

Profiles

🖥 **https://paulanik.github.io**
🔗 https://linkedin.com/in/paulanik
🐙 https://github.com/paulanik

Interests

- Data Analytics & Visualization
- Machine Learning
- Web Development

Technical Skills

Languages: Python, JavaScript, PHP, SQL
Frameworks: Django, Flask, Laravel, React
Data Tools: Superset, Metabase, Power BI, Tableau, Jupyter, Google Colab
Libraries: Scikit-learn, TensorFlow, matplotlib, seaborn
DevOps: Docker, Git, JIRA
GIS Tools: ArcGIS, QGIS
Others: Excel, PowerPoint

Language

- Bangla   Fluent
- English   Fluent
- Hindi   Basic

Work Experience

- **A2i – Aspire to Innovate |** Junior Data Scientist
  Nov 2023 – Ongoing
  - Trainer of Data Leadership initiative taken by the Govt
  - Data Analysis & Visualization, Predictive Modeling
  - Managed Database and Servers, overseeing development

- **ITX Limited |** Business Data Analyst
  July 2023 – January 2024
  - Analyzed USA market data to support business strategies
  - Built automated tools to improve client support efficiency
  - Collaborate with the client team for Decision support

- **A2i |** Internship
  Aug 2022 – Jan 2023
  - Contributed to Superset and maps development
  - Assisted with Database management, Analysis and visualization
  - Provided assistance in Data sensitization training

Education

- **MSc in GIS |** Jahangirnagar University (JU)
  Feb 2024 – Present
  CGPA: 3.78/ 4.00

- **BSc in CSE |** American International University-Bangladesh (AIUB)
  Jan 2019 – Mar 2023
  CGPA: 3.40/ 4.00

Projects

Customer Churn Prediction
- Built ML pipeline to predict telecom customer churn using logistic regression and random forest - Achieved 85% accuracy; optimized model via hyperparameter tuning - Tools: Python, scikit-learn, pandas, seaborn

Spatial Risk Mapping of Lightning in Bangladesh
- Conducted spatial analysis of lightning fatalities using GIS tools and demographic data - Visualized high-risk zones for disaster planning – Tools: ArcGIS, QGIS, Python