Ahsanul Karim

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Mobile No: +8801775288311 **||** Address**:** South Banasree, Dhaka.

TECHNICAL SKILLS

Languages: JavaScript, C++, Python, TypeScript   **Databases:** MongoDB, MySQL, PostgreSQL

Libraries/Frameworks: NodeJS, React,   **Tools**: Linux, Git, GitHub

Django, Pandas, Numpy

EXPERIENCE

Mi Bangladesh (Junior Social Media Manager), Dhaka, Bangladesh   Jul 2017 - Dec 2018
Boosted social media performance by 40% and online sales by 25% through customer engagement and targeted ad campaigns.

EDUCATION

East West University   Jan 2019 - Jul 2023
BSC in Electronics & Telecommunication Engineering
Thesis: Sentimental Analysis and Opinion Mining for Business Decision Making in Python.

PERSONAL PROJECTS

Newspaper Website (Solo Project): Scalable news app with 1M+ articles, user authentication, in page search and personalized recommendation tab for users **|| Tech: React, Tailwind, TypeScript, JWT, PostgreSQL, Elasticsearch, Socket.io.**   **Code: GitHub**

Library App (Legacy Project): Migrated backend from Express.js to Django, implemented caching system, and added Selenium tests for CRUD operation login/registration and search. **Tech: Django, React, Selenium, Jest, PostgreSQL.**   **Code: GitHub**

E-signify (Thesis Project): Developed a document management system with template-based agreements, PDF manipulation, and e-signature capabilities, including send/receive workflows. **Tech: Next.js, TypeScript, Tailwind CSS, Express.js, MongoDB, JWT, Cloudinary, react-pdf, pdf-lib.**   **Code: GitHub**

Portfolio Website: Built a personal portfolio to showcase projects and personal information. **Tech: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB.**   **Code: GitHub**

ACADEMIC PROJECTS

Sentiment Analysis Using Python: Conducted sentiment analysis on textual data using Vader, RoBERTa-base, and Transformer models to maximize insights and optimize performance.

4G/LTE Network Scenario: Simulated a 4G LTE network with ns-3, replicating real-world behavior through configured base stations and user equipment.

Banking Networking System on Cisco Packet Tracer: Configured and tested routers, switches, and firewalls to ensure secure and efficient communication within a banking network infrastructure.

LICENCES AND CERTIFICATIONS

Full Stack Software Engineering (Project Code feat Codeworks)
Responsive Web Design (Freecodecamp)   **Show Credential**
Python Data Structure (Coursera)   **Show Credential**

EXTRA CURRICULAR ACTIVITES

East West University Telecommunication Club: Proficiently managed and maintained website operations utilizing WordPress as a Web Developer
ECEFC (Electronics & Communication Engineering Football Club): Former captain in the EWU Intra Football Fiesta, Runners-Up in 2019 and Quarterfinalists in 2022.

VOLUNTEER EXPERIENCE

Rajbari DC Office (ICT Analyst): Instructed over 100 students from 5 schools in foundational programming skills to enhance their coding proficiency.

Solvers (Training for Bangladesh Bureau of Statistics): Led training sessions for employers from 5 districts on data collection methodologies and statistical analysis tools.