MD Obaidullah Al-Faruk

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Summary

Software Engineer with 4.5+ years delivering web platforms and REST APIs using Python, Flask, Node.js, Reactjs and SQL. Focused on performance, clean code, automation, and reliable releases. Skilled in observability (monitoring and alerting), CI/CD and IaC, and collaborative delivery; comfortable mentoring juniors and owning features end-to-end.

Skills

Languages: Python, JavaScript, Solidity, Bash
Frameworks: Django, Flask, Node.js, Express.js, React js, Frappe
Databases: SQL, PostgreSQL, MongoDB
Cloud and DevOps: AWS, Docker, Terraform, Ansible, Git, GitLab CI/CD
Other: RESTful API design, System design, Microservices, Distributed systems basics, Web scraping, Blockchain/Web3

Experience

Brotecs Technologies Limited   Dhaka, Bangladesh
Software Engineer II (Web)   Jul 2019 – May 2024

- Collaborated with team members to deliver projects within deadlines and meet client requirements.
- Developed RESTful APIs to enable seamless communication between front-end and back-end systems.
- Database design and optimization for improved performance.
- Contributing to architectural decisions and design discussions to drive technical excellence.
- Communicating with clients to understand requirements and provide technical guidance.
- Mentoring junior team members, providing guidance and fostering their professional growth.

Projects

Minu Monitor   Python, Node.js, JavaScript, Express.js, MariaDB, Frappe
Role: R&D, Development, Team Guidance

- Designing the architecture of the core application
- Monitoring and analyzing the overall performance of internal systems and software builds.

Futures Trading Bot   Python, Freqtrade

- Cloud-deployed trading bot managing up to three concurrent positions. Backtest result indicated 100% return over one year (historical simulation).

Education

East West University   Dhaka, Bangladesh
B.Sc. in Computer Science & Engineering (CSE), GPA 3.05/4.00   Graduated: 2019

Publications

BFM: A Forward Backward String Matching Algorithm with Improved Shifting for Information Retrieval. *International Journal of Information Technology (Springer Singapore).* link

Languages

English (Professional Working Proficiency), Bangla (Native)