MD Obaidullah Al-Faruk

Email: obaidullah.faruk05@gmail.com | Phone: +880-11622283760 | Dhaka, Bangladesh
Portfolio: obaidullah.vercel.app | GitHub: github.com/obaidullah-faruk
LinkedIn: linkedin.com/in/md-obaidullah-al-faruk-788b32a3

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

- Attended and contributed to product/engineering meetings; proposed actionable ideas that improved scope and timelines.
- Implemented solutions across back-end REST APIs and front-end integrations; shipped features to production with reviews and tests.
- Performed R&D spikes to evaluate tools and approaches; reduced technical risk and informed architecture decisions.
- Mentored team members on implementation and best practices; paired on complex tasks to unblock delivery.
- Communicated with clients to clarify requirements and provide technical guidance, improving alignment and acceptance.
- Designed the core application architecture (services, data models, integration patterns) for scalability and maintainability.
- Created coding standards and review checklists; introduced CI quality gates to improve consistency and defect detection.
- Monitored and analyzed performance of internal systems and software builds.

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)