

Mosharaf Hossain

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github.com/Mosharaf456

SUMMARY

Skilled in building scalable, dynamic web applications and operations in Software Engineer. As a very quick learner, I enjoy learning new technologies and working with those that solve real-world problems, innovations.

EXPERIENCE

Jr. Software Engineer ii FEB 2025 – Present
Brotecs Technologies Ltd. – Bangladesh

- (On-site job) Developing FAST API, real-time object detection (YOLO), Face Recognition under my supervision and also developed CI/CD pipeline, working in a DevSecOps role.

Jr. Software Engineer ii FEB 2025 – Present
Stitel networks LLC. – USA

- (Remote Job) REST API, full-stack web development in multiple projects, and real-time object detection (YOLO), Face Recognition under my supervision.

Jr. Software Engineer i FEB 2023 – JAN 2025
Brotecs Technologies Ltd. – Bangladesh

- Developed payment gateway integration with SSL Commerz in React.js, along with backend API using Express.js, MongoDB, and implemented subscription summary feature for organization's doctor portal, 10+ components developed and documented.
- Led development of a dynamic website for free donation web apps using Next.js, RESTful APIs, and MySQL integration.
- Implemented microservice strategies 95%, which will generate revenue in 2024 using the LAMPA stack.
- Ensure 90% automation of the CI/CD pipeline of web applications and also developed end-to-end test cases testing using playwright for the production server.
- Created REST API in Laravel to calculate and summarize reports based on data retrieved from Elasticsearch.

Intern Software Engineer AUG 2022 – JAN 2023
Brotecs Technologies Ltd. – Bangladesh

- Played key role in developing APIs, API documentation using swagger, integrating WebSocket, enabling AMI communication, programming in CodeIgniter for licensing system in purchasing application and also communication system.
- Optimized MariaDB databases, reducing query time by 15%.

EDUCATION

Bachelor of Science in Computer Science and Engineering Dec 2021

- American International University-Bangladesh, Dhaka, Bangladesh
- GPA: 3.91/4.0
- **Research:** Fake news detection on Facebook using machine learning.

SKILLS

Programming Languages: Python, PHP, Typescript, Javascript, Go lang, C++

Machine Learning: Deep Learning, PyTorch, OpenCV, TensorFlow, Computer Vision, CUDA

Frontend: React, MUI, HTML, CSS, JQuery

Backend: Django, Flask, FastAPI, RestAPI, CodeIgniter, Laravel, NodeJs, Express, NextJS, Mysql, PostgreSQL, Docker, Ansible, Jenkins, CI/CD pipeline, Playwright, Linux, Networking, SQLite