

Mosharaf Hossain

Junior Software Engineer

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Profile

Skillful and hardworking person, passionate about programming. Can work on any software platform. And also best skills in quickly adaptable new technologies.

Areas of Expertise

DevOps - Full Stack Web - LAMP Stack - Database - API - Machine Learning - Computer Networking - Linux

Work Experience

Junior Software Engineer, *Brotecs Technologies Ltd.* 02/2023 - present

- Implemented microservice strategies, leading to revenue generation in 2024 using the LAMPA stack.
- Developed scalable apps using DevOps, React.js, Next.js, and Laravel, Ci4, improving system performance by 25%.
- Optimized MySQL and MariaDB databases, reducing query time by 15%.

Intern Software Engineer, *Brotecs Technologies Ltd.* 08/2022 - 01/2023

- Enhanced software performance: Refactored legacy codebase by applying OOP in PHP, resulting in a 50% reduction in load times and a 20% increase in application efficiency.

Teaching Assistant, *American International University-Bangladesh*, 05/2021 - 08/2021

- Improved student programming skills: Successfully guided over 200 students through algorithm programming concepts, leading to a 30% increase in course completion rates.

Professional & Personal Projects

- Aeronautical Ground Communication Gateway (2023-2024)- [AGCG](#)
- Skylar License Web (Jan. 2024) - [Skylar](#)
- Charity Defosco/Alorkoli web (May. 2024) - [Alorkoli](#)

Education

BSc. CSE - Computer Science, *American International University-Bangladesh*, **Dhaka, Bangladesh** 2017-2021

Relevant Courses: C, C++, C#, Java, PHP, JS and data mining, Machine learning, Data Visualization, Python, Statistics, Math, Computer Networking & Thesis on Fake News detection on facebook by using machine learning.

Skills

- **Microservice & DevOps:** Docker, Docker Compose, Networking, Jenkins-CI/CD pipelines, Linux, Git
- **Full Stack:** JS[ES6], ReactJs, Next.js, PHP, CodeIgniter, Laravel, Websocket, REST API development, SOAP API, MYSQL, Mariadb
- **Machine Learning:** Python, scikit-learn, Pandas, Numpy, Statistical ML
- **Soft Skills:** Pro-active, Presentation, Planning, Organized, Creative Problem-Solving, Teamwork, Active Listening, Adaptability, Analytical Thinking

Languages

- **Bangla** [Native]
- **English** [Fluent]