Fahad Ahmed Software Engineer (PHP)

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I am a Software Engineer specializing in Laravel framework, with a strong track record in Database development, API creation, Microservices Architecture, Automation and User-friendly design. Proficient in writing clean code, troubleshooting, CI/CD pipelines, and implementing features from user feedback. A quick learner passionate about optimizing web applications and delivering high-quality solutions.

Work Experience

Software Engineer (Laravel)
Otithee Software Solution Limited
Oct 2023 - Present
As a Software Engineer at Otithee Software Solution Limited, I have successfully led and contributed to several high-impact projects, including:

- **ERP Software**: Led and developed a Laravel-based ERP system with 16 modules using Modular Architecture, streamlining business management.
- **In-house Web Application Development**: Built internal web applications to enhance operations.
- **Booking Platform Development (DevOps)**: Collaborated with a team of senior developers in designing a microservices architecture booking platform using Docker and Kubernetes for scalability.

Through out my contributions, I have demonstrated strong skills in full-stack development, API integration, and best practices within Laravel.

Intern
Arena Web Security
Jan 2022 - Mar 2022

- Supported vulnerability assessments and security testing with senior pen-testers.

Web Application Developer
CSE Department of Canadian University Of Bangladesh
July 2021 - Dec 2021

- Designed and developed a secure, customizable web portal with admin CRUD functions for CSE department.
- Managed & maintained a responsive website ensuring high traffic and user engagement.
- Domain: http://cse.cub.edu.bd/

Certificate & Award

- Cyber Security / Ethical Hacking Certificate - (**Arena Web Security 2022**)
- **Project Selected in Top 30/256** Universities at **Blockchain Olympiad Bangladesh 2021**.

Research

- **Systematic Literature Review on Addressing Ambiguity: A Comprehensive Exploration of Ambiguity Detection in Software Requirement Engineering.**
- **Bothway Communication Application between Bangla Speech and Sign Language.** https://drive.google.com/file/d/1HBohmAesxIusG_PHayFfWm5TpOBp1sWw/view?usp=sharing
- **Emergency Medicine Drone Delivery Management System Thesis Research.** https://drive.google.com/file/d/1y9XR-CJ5mBSgkR-2ZEIVSuIjOLs33XGL/view?usp=sharing

Education

Master of Science in Software Engineering, CGPA - 3.10/4.00
Independent University Of Bangladesh
Sep 2023 - Ongoing (Last Sem)

Bachelor of Science in Computer Science and Engineering, CGPA – 3.67/4.00.
Canadian University Of Bangladesh
Aug 2019 - Feb 2023

GCE O-level & GED
Academia
2019

Links

Github: https://github.com/fahadalpha35/
Linkdin: www.linkedin.com/in/fahad-ahmed-b9076818b
Website: https://fahadalpha35.github.io/portfolio/

Skills

Programming language:
- C • C++ • C# • Java • Python • HTML • CSS • JavaScript • SAAS
Frontend framework:
- PHP • React.js • AngularJS • JavaScript • jQuery • Bootstrap • Dart/Flutter
Backend framework:
- MySQL, Firebase, REST API Development
DevOps & Automation:
- Docker, Kubernetes, Jenkins, GitLab CI/CD, Microservices Architecture, Container Orchestration, CI/CD Pipelines.

Project Work

ERP Using Modular Architecture in PHP > v8.1
https://github.com/fahadalpha35/oerp
CUB CSE Department Web Portal In PHP > v7.0
https://github.com/fahadalpha35/projects/tree/main/Web-Design-And-Development-Projects/cse.cub.edu.bd-(Canadian%20University%20Of%20Bangladesh)