Abu Jobaer

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github.com/unclexo
medium.com/@unclexo
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stackoverflow.com/users/7935051/unclexo

Leads several teams as a Lead Software Engineer and works in teams as a Senior Software Engineer on different software solutions. Highly proficient in Software Architecture, building scalable web apps, and PHP/Laravel (2012/2017–present).

Selected Work Experience

Lead Software Engineer, Xerone IT, Bangladesh

January 2021 to December 2022

Achievements
- Led two teams of software engineers building two successful projects that took the company to next level.
- Autonomously led and architected a framework for making a long-tailed bot which reduced the hassle of making a bot using nested HTML forms 100%. The project brought revolutionary success to the company.
- Scaled a SaaS application to handle 50 concurrent requests (130 million per month) from 20,000 users ensuring high availability during times of high traffic and high throughput. Applied distributed Monolithic Architecture.
- Met the company's goals by developing strategies for teams – made developers skilled, delivered projects on time, reduced development time by 35% using Kanban, modular approach, and best practices, and had the company built its own SaaS apps.
- Established that analyzing requirements and writing reusable and maintainable code make design and development faster. And TDD produced robust software; Also hired top talents.

Skills**:** Laravel, Vue, React, Rete, PHP, JavaScript, MariaDB, Redis, HAProxy, Nginx, Distributed Systems, AWS

Senior Software Engineer, Xerone IT, Bangladesh

April 2019 to December 2020

Achievements
- Increased sales by up to 20% after I designed and developed a comprehensive reusable and extensible task scheduler, bulk CSV uploader, and dynamic form builder modules for a market-leading web application.
- Optimized several apps, up to 40%, detecting holes like misused O(n2) and uncached variables. Gained performance by 70% for a table with 9 million rows after I indexed the right columns and reduced joins.
- Performed code reviews a lot for coding standards and better solutions. Wrote unit and integration tests.

Skills**:** Laravel, Vue, React, CodeIgniter, PHP, JavaScript, Java, MySQL, Redis, Apache, AWS, DO

Full-Stack Developer, Costa Blanca Marketing, Spain

June 2015 to December 2017

Achievements
- Took full responsibility for web development and built different successful web applications for real estate, e-commerce, education, hotel booking, and property listing using WordPress, Laravel, Zend, MySQL, and Apache.
- Tested and deployed every web application to the production server. Maintained multiple servers for clients.

Technologies and Languages

- **Languages**: PHP, JavaScript, SQL, Java, HTML5/CSS3
- **Technologies**: Laravel, Vue, React, Node.js, Express.js, MySQL/MariaDB, Redis, PHPUnit, Jest, TDD, Tailwind CSS, Bootstrap, REST, GIT, Docker, Apache, Nginx, AWS
- **Architecture**: OOP, SOLID, Design Patterns, Monolithic Architecture, Hexagonal Architecture, EOA, Distributed Databases and Linux Servers, Load Balancing
- **Other**: Provlem Solving, DSA, API design, Relational Database Design, Query Optimization, Unit & Integration Testing

Education and Certifications

- **Web Development Training**, Rajshahi University Campus   2011-2013
- **Bachelor of Arts**, **Sanskrit Language**, University of Rajshahi, Bangladesh   2007-2012

Online Publications

SOLID Principles

- [Single Responsibility Principle](#)
- [Open-Closed Principle](#)
- [Liskov Substitution Principle](#)
- [Interface Segregation Principle](#)
- [Dependency-Inversion Principle](#)

Latest Publications

- [Chain of Responsibility Pattern—Who are taking the responsibility?](#)
- [Stop Using Constructors](#)
- [Adapter Pattern—Tackling incompatible interfaces!](#)