

Syed Mahamudul Hassan

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Summary

Full-Stack Developer with **4+ years of experience** designing, building, and scaling high-performance web applications using **PHP (Laravel), React.js, Node.js, Express.js, Next.js, Vue.js**. Strong expertise in **microservices architecture, AWS cloud infrastructure, and Kubernetes container orchestration**, along with **AI-assisted development workflows**, enabling efficient delivery of clean, maintainable, and SOLID-compliant systems. Demonstrated success in performance engineering, optimizing **complex architectures** to achieve **sub-second response times**, high availability, and long-term scalability. Proven ability to collaborate effectively in **remote, cross-functional teams** and deliver production-ready solutions.

Experience

Software Developer (Remote), Ensiner – Dhaka , Bangladesh August 2024 – Present

- Built **high-performance, scalable web applications** using **PHP Laravel and React.js, Node.js, Express.js, Next.js, Vue.js**, ensuring **secure data handling** and seamless **RESTful API integrations**.
- **Architected and maintained** high-performance full-stack applications using **PHP Laravel and React/Vue.js** focusing on secure data handling and seamless RESTful API integrations.
- **Reduced deployment friction** by implementing **Docker** containerization and automating **CI/CD pipelines** (GitHub Actions/Jenkins), resulting in faster staging-to-production releases.
- Integrated AI-driven refactoring tools to enforce **SOLID principles** and identify bottlenecks, resulting in a **40% reduction** in technical debt and faster deployment of scalable modules.**complex, scalable feature modules**.

Software Developer , Zaman IT – Dhaka, Bangladesh June 2021 – Aug 2024

- **Optimized database performance** by identifying and resolving $N + 1$ **query issues** through Eloquent eager loading, significantly reducing server response times.
- **Engineered real-time features** using **WebSockets**, which enhanced live user interaction while simultaneously optimizing server load for high-traffic scenarios. optimization techniques, improving database performance.
- **Built and scaled** full-stack applications using **PHP, Laravel, React, Vue and AJAX**, ensuring robust backend logic and dynamic frontend behavior.

Soft Skills

- Analyze complex technical challenges and architect scalable, maintainable solutions.
- Quickly learn new technologies and adapt to changing project requirements.
- Deliver high-quality work independently while meeting deadlines across time zones.

Certifications

- **Hands-On Introduction to Orchestration with Kubernetes** — Udemy (2026)
- **Hands-On Introduction to Cloud Computing with AWS** — Udemy (2026)

Technologies

Languages And Databases: PHP, JavaScript, TypeScript , SQL, MySQL, PostgreSQL, MongoDB

Frameworks And Libraries: Laravel, React.js, Node.js, Express.js, Vue.js, WebSockets, jQuery, AJAX, REST APIs

DevOps And Tools: Docker, CI/CD, Git, GitHub Actions, AWS, Kubernetes

Education

National University, Bachelor's degree

March 2012 – August 2016