Sayedul Sayem

Senior Software Engineer | Full-Stack & Platform Engineering

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Senior Software Engineer with 7+ years of experience building and scaling full-stack web platforms, SaaS products, and high-traffic consumer applications. Experienced across frontend and backend development, system design, cloud infrastructure, Kubernetes, CI/CD, observability, and performance optimization. Strong expertise in Vue.js, Nuxt.js, TypeScript, PHP, and Laravel, with extensive experience delivering WordPress-based products, SaaS platforms, and high-traffic web applications. Led a 10-engineer team and improved engineering delivery efficiency by 50% through Agile process and workflow improvements.

Work Experience

Frontend Developer, *VGL Publishing AG*
04/2025 – Present | *Berlin, Germany*

- Engineer and maintain a shared Vue.js/Nuxt.js monorepo powering 15+ high-traffic consumer websites, with individual properties serving approximately 100K–1M monthly visitors.
- Develop and optimize frontend applications using Vue.js, Nuxt.js, TypeScript, Nitro, Redis, HTML, and CSS, improving application performance and Core Web Vitals across consumer-facing platforms.
- Migrated 8 applications from PM2-based VM deployments to Kubernetes, enabling concurrent deployments and horizontal scaling while improving application availability and operational resilience.
- Reduced QA deployment time by 5–10× through automated pull-request-driven deployments using Docker, Kubernetes, and GitHub Actions, eliminating manual deployment steps and automatically posting deployment URLs to Jira tickets.
- Owned and optimized development-to-deployment workflows for a 10+ person engineering team, enabling parallel CI/CD builds and deployments, improving developer experience and release velocity, and establishing browser and server-side observability with Grafana, OpenTelemetry Collector, and Grafana Alloy.

Lead Software Engineer, *HappyMonster*
01/2024 – 03/2025 | *Dhaka, Bangladesh*

- Led a 10-engineer team developing and scaling a SaaS platform used to manage 10,000+ WordPress sites.

Technical Skills

Languages: PHP, JavaScript, TypeScript, SQL, Bash

Frameworks & Libraries: Laravel, WordPress, Vue.js, Nuxt.js, React.js, Alpine.js, jQuery, Nitro, Electron.js

Architecture & Engineering: Object-Oriented Programming (OOP) & Design, System Design, Distributed Systems, Microservices, REST APIs, GraphQL

Databases & Caching: PostgreSQL, MySQL, SQLite, Firebase, Redis, Query Optimization, Caching Strategies

Cloud, DevOps & Infrastructure: AWS, Cloudflare, CloudFront, Docker, Kubernetes, Terraform, Ansible, Jenkins, GitHub Actions, CI/CD, Linux, Nginx, Apache, Traefik

Testing & Quality: PHPUnit, Vitest, Cypress, Playwright, Test Automation, End-to-End Testing (E2E)

Observability: Grafana, OpenTelemetry, Grafana Alloy, Loki, Thanos, Prometheus, Athena

Frontend & Performance: HTML5, CSS3, SCSS, Webpack, Vite, Gulp, Core Web Vitals

Key Achievements

- Led a 10-engineer team and improved engineering delivery efficiency by 50%.
- Migrated 8 production applications to Kubernetes, enabling concurrent deployments and horizontal scaling.
- Reduced QA deployment time by 5–10× through automated pull-request-driven deployment workflows.
- Contributed to platforms serving 100K–1M monthly visitors per site across 15+ consumer-facing websites.
- Built and scaled products used by 400K+ and 1M+ active users, with open-source software reaching 27K+ users.

Core Competencies

- Full-Stack Web Application Development

- Introduced Agile delivery practices that improved engineering delivery efficiency by 50%.
- Designed and implemented GitHub Actions CI/CD pipelines, reducing deployment time by 60% and improving release reliability.
- Optimized server infrastructure and introduced load-balancing strategies to support high-traffic workloads and improve platform availability.

Senior Software Engineer, *HappyMonster*
01/2022 – 12/2023 | *Dhaka, Bangladesh*

- Developed Eazy Plugin Manager, a Laravel/Vue.js SaaS platform enabling centralized remote management of WordPress sites and plugins.
- Improved CI/CD pipelines and implemented end-to-end test coverage, increasing deployment efficiency and release reliability.
- Designed database maintenance and data archiving processes and integrated payment processing to support direct product sales.

Software Engineer, *HappyMonster*
01/2021 – 12/2021 | *Dhaka, Bangladesh*

- Improved HappyAddons performance by 30% through caching, SQL query optimization, and asset optimization as the product scaled from 200K to 400K+ active users.
- Resolved 100+ backlog issues and optimized Core Web Vitals, improving platform stability, performance, and SEO.

Software Engineer, *voidCoders*
05/2020 – 12/2020 | *Dhaka, Bangladesh*

- Led development of Elemailer across the product lifecycle, from wireframing and UI/UX through implementation, enabling users to design and send email newsletters directly from Elementor.
- Developed and enhanced WordPress plugins including Void Contact Form 7 and Void Post Grid, adding Elementor integrations, advanced filtering, and UI/UX improvements.

Software Engineer, *XpeedStudio*
07/2019 – 04/2020 | *Dhaka, Bangladesh*

- Led the development of MetForm (600K+ active users), managing its lifecycle from wireframing and UI/UX through implementation and support.
- Contributed to ElementsKit (1M+ active users), optimizing CI/CD pipelines and modernizing the build system with Snowpack.

- SaaS & Product Engineering
- System Design & Architecture
- Platform & Infrastructure Engineering
- Kubernetes & Containerization
- CI/CD & Developer Experience
- Performance Optimization & Core Web Vitals
- Observability & Production Monitoring
- Technical Leadership & Team Development
- WordPress Ecosystem & Plugin Development

Open Source & Independent Projects

WordPress Core Contributor

- Contributed code to WordPress Core releases 5.9, 6.0, and 6.7.
- Improved image regeneration performance.
- Strengthened validation and sanitization for security.

WhatsApp Linux Desktop
Developed and maintained an open-source Linux desktop application, published through the Snap Store and Arch User Repository, used by 27K+ users.

Better Page Ruler
Built and independently published Better Page Ruler, a browser extension developed with JavaScript and browser extension APIs and distributed through the Chrome, Firefox, and Microsoft Edge extension stores.

Teaching & Training

Lead Instructor, *Mastering in Vue.js & Nuxt.js*
12/2023 – 05/2024 | *Dhaka, Bangladesh*

Lead Instructor, *WordPress Plugin Development*
02/2025 – 02/2026 | *Dhaka, Bangladesh*

Selected Projects

Eazy Plugin Manager - SaaS Platform
Laravel/Vue.js SaaS platform with a custom WordPress plugin for centralized remote management of WordPress sites, plugins, and deployments across large WordPress installations.

Happy Addons
Drag-and-drop addon suite for Elementor serving 400K+ active users.

Education

B.Sc. in Computer Science and Engineering,
Eastern University
05/2015 – 04/2019 | *Dhaka, Bangladesh*

Languages

English: Fluent, **German:** A1, currently learning