

Shajibur Rahman

Lead Software Engineer · Full-Stack · Cloud

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SUMMARY

Backend-focused full-stack engineer with 9+ years of experience building web applications, APIs, enterprise platforms, and cloud infrastructure. Currently leading engineering work across a portfolio of 300+ WordPress sites while developing internal applications with Laravel, Vue.js, React, and Python. Experienced in AWS infrastructure, CI/CD, SSO integrations, platform migrations, and production support.

TECHNICAL SKILLS

- Languages** PHP, JavaScript, TypeScript, Python, Kotlin
- Backend & APIs** Laravel, Node.js, Express.js, Django, REST APIs
- CMS & Commerce** WordPress, WooCommerce, Shopify
- Frontend** React, Next.js, Vue.js, Nuxt.js, Inertia.js, Tailwind CSS
- Databases** MySQL, PostgreSQL, MongoDB, Redis, Apache Cassandra
- Cloud & Platforms** AWS, DigitalOcean, Firebase
- Infra & DevOps** Docker, Kubernetes/EKS, Terraform, Nginx, CI/CD, GitHub Actions, Bitbucket Pipelines, Git
- Mobile** React Native, Expo, Kotlin
- AI & LLM Integration** OpenAI API, Claude API, Gemini API, OpenRouter, RAG / document pipelines
- Payments** Stripe, BillPlz, CHIP, SSLCommerz, Adyen
- Testing & Automation** Pest PHP, Jest, Cypress, Postman, Puppeteer

EXPERIENCE

Lead Software Engineer Aug 2024 – Present

Interpublic Group (IPG)

Lead software engineering and technical delivery across enterprise platforms, custom applications, and digital infrastructure.

- Manage a portfolio of 300+ enterprise WordPress sites across multiple stakeholders, leading a full consolidation onto centralised WP Engine infrastructure
- Built WPInsights — an internal Laravel 11 + Vue 3 fleet management platform with a custom WordPress plugin (WebDev Insight API) to manage the full IPG/KINESSO estate across multi-environment deployments
- Build custom applications, internal tools, APIs, and automation pipelines using Laravel, Vue.js, React, Python, and PHP
- Manage cloud infrastructure, SSO/SAML integrations, CI/CD pipelines, security improvements, performance, and production support
- Lead architecture decisions, review code, handle production incidents, and provide technical guidance to developers across teams

Staff Software Engineer Jan 2022 – Aug 2024

KINESSO (IPG)

Owned complex engineering initiatives across enterprise platforms and custom software.

- Built custom applications using Laravel, Vue.js, JavaScript, PHP, and Python — from initial architecture through production deployment
- Maintained enterprise WordPress platforms including custom themes, plugins, REST APIs, and third-party integrations
- Led platform migrations, multi-environment deployments, SSO integrations (SAML2, Azure AD), security work, and performance improvements
- Built reusable internal tools and automation to cut operational overhead
- Provided architecture guidance, code reviews, and technical support across teams

Senior Software Engineer Aug 2019 – Dec 2021

KINESSO (IPG)

Built and delivered web applications and digital solutions for enterprise clients across the region.

- Developed custom applications in PHP, Laravel, Vue.js, and JavaScript
- Built WordPress solutions including themes, plugins, APIs, and third-party integrations
- Handled deployments, debugging, performance, and ongoing production support
- Mentored junior developers through code reviews and day-to-day guidance

Part-time Cloud & Full-Stack Engineer Jan 2018 – Dec 2022

beBit Inc · Tokyo, Japan (Remote)

Contributed part-time to Usergram — an enterprise SaaS user behaviour analytics platform serving 400+ major Japanese companies, across cloud infrastructure and full-stack product development.

- Migrated the platform from on-premises to AWS — designed the infrastructure, set it up, and handled the cutover
- Set up CI/CD pipelines using Bitbucket Pipelines then GitHub Actions; managed cloud resources with Terraform
- Deployed and operated the full system on AWS EKS (Kubernetes) with Docker
- Rewrote the entire frontend from Vue 2 to Vue 3 as part of a broader architectural migration
- Developed backend features in Python/Django; worked with MySQL and Apache Cassandra
- Wrote end-to-end test coverage using Cypress

Analyst, Web Development Jun 2017 – Aug 2019

IPG Mediabrands

Built and maintained web platforms and digital solutions for enterprise clients.

- Developed and maintained web applications using PHP, WordPress, and JavaScript
- Delivered front-end and back-end solutions aligned to client and business requirements
- Supported deployments, debugging, and ongoing maintenance across multiple projects

Independent Software Engineer 2015 – Present (alongside full-time roles)

Freelance · Self-employed

Independently delivered software products for global clients across SaaS, mobile, fintech, e-commerce, and AI.

- Built mobile and web applications using React Native, Laravel, and Node.js, deployed on AWS and DigitalOcean
- Integrated payment gateways including Stripe, BillPlz, CHIP, and SSLCommerz into client platforms
- Added AI API integrations (OpenAI, Claude, Gemini, OpenRouter) for chat, automation, and document processing features
- Set up and managed infrastructure including Docker, CI/CD, Nginx, and VPS environments

SELECTED PROJECTS

WPIInsights Centralised platform for managing and monitoring the 300+ site enterprise WordPress estate across production, staging, and development environments — covering uptime, SSL, plugins, users, bulk operations, and multi-channel alerting. LaravelVue.jsTypeScriptInertia.jsMySQLAzure AD / SAML2AWSSES
Akradan (AIX) Full-stack AI collaboration platform unifying access to 300+ LLMs in one workspace, with project-based context, knowledge-base RAG, document processing, cost tracking, and team sharing. Next.jsReactTypeScriptNode.jsPostgreSQLSupabaseOpenRouterStripe
MutEngine Browser automation platform coordinating 20+ isolated browser personas — each with a unique fingerprint and AI-generated content — for social media monitoring and automated engagement, scalable to 100+ concurrent sessions. LaravelNode.jsVue.jsTypeScriptMySQLPuppeteerGeminiAPI
ReceiptIQ Full-stack SaaS receipt management platform that automatically captures, scans, and organises receipts via AI, available across web and mobile. TypeScriptReactNext.jsPostgreSQLSupabaseREST APIReact NativeExpo
Affiliate Commerce Platform Full-stack e-commerce and affiliate platform with a multi-tier commission system, dynamic landing-page builder, payment gateway integration, and a role-based admin panel for orders, customers, and reporting. LaravelVue.jsTypeScriptInertia.jsMySQLCHIPNginx

EDUCATION

Bachelor's Degree, Software Engineering

Universiti Malaysia Sarawak (UNIMAS)

2012 – 2016

CERTIFICATIONS

**AWS Certified Developer - Associate (Previously
Certified)**

Amazon Web Services

2018