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

Backend & APIs Laravel, Node.js, NestJS, Express.js, Django, FastAPI, REST APIs

CMS & Commerce WordPress, Shopify

Frontend React, Next.js, Vue.js, Nuxt.js, Inertia.js, Tailwind CSS

Databases MySQL, PostgreSQL, MongoDB, Redis

Cloud & Platforms AWS, DigitalOcean, Firebase

Infra & DevOps Docker, Terraform, Nginx, CI/CD, GitHub Actions, Bitbucket Pipelines, Git

Mobile React Native

AI & LLM Integration OpenAI API, Claude API, Gemini API, OpenRouter, RAG / document pipelines

Testing & Automation Pest PHP, Jest, Cypress, Postman, Puppeteer

EXPERIENCE

Lead Software Engineer Aug 2024 – Present

Interpublic Group (IPG)

Lead engineering across enterprise platforms, internal applications, and infrastructure supporting a portfolio of 300+ websites.

- 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

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. Notable long-term client: beBit Inc (Tokyo, Remote, 2018–2022) — contributed to Usergram, an enterprise SaaS user behaviour analytics platform serving 400+ major Japanese companies.

- Built mobile and web applications using React Native, Laravel, and Node.js, deployed on AWS and DigitalOcean
- 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
- For beBit: migrated Usergram from on-premises to AWS, set up CI/CD with Bitbucket Pipelines and GitHub Actions, managed infrastructure with Terraform, rewrote the frontend from Vue 2 to Vue 3, developed backend features in Python/Django, and wrote end-to-end test coverage with Cypress

SELECTED PROJECTS

> **WPInsights**
>
> 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.
>
> `Laravel` `Vue.js` `TypeScript` `Inertia.js` `MySQL` `Azure AD / SAML2` `AWS SES`

Akradan (AIX)

Full-stack AI collaboration platform unifying access to 300+ LLMs in one workspace, with project-based context, RAG-powered knowledge base, document processing, cost tracking, and team sharing.

Next.js React TypeScript Node.js PostgreSQL Supabase OpenRouter Stripe

ZaoChat

Multi-tenant AI chatbot SaaS platform for small businesses — embeds on any website, learns from uploaded documents via a RAG pipeline (pgvector + OpenAI embeddings), captures leads, and lets business owners take over conversations live from an iOS/Android companion app.

Laravel 12 Vue 3 Inertia.js React Native Expo TypeScript PostgreSQL pgvector OpenAI API Firebase FCM

MutEngine

Browser automation platform coordinating 20+ isolated browser environments for monitoring, testing, and AI-assisted workflows, designed to scale to 100+ concurrent sessions.

Laravel Node.js Vue.js TypeScript MySQL Puppeteer Gemini API

ReceiptIQ

Full-stack SaaS receipt management platform that automatically captures, scans, and organises receipts via AI, available across web and mobile.

TypeScript React Next.js PostgreSQL Supabase REST API React Native Expo

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.

Laravel Vue.js TypeScript Inertia.js MySQL CHIP Nginx

EDUCATION

Bachelor's Degree, Software Engineering

Universiti Malaysia Sarawak (UNIMAS)

2012 – 2016

CERTIFICATIONS

AWS Certified Developer – Associate (Previously Certified)

Amazon Web Services

2018