

AL AMIN AHAMED

Senior Software Engineer · AI / LLM & Full-Stack Engineering

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PROFESSIONAL SUMMARY

Senior Software Engineer and product lead with 5+ years shipping production-grade software across PHP, Python, and TypeScript. Currently lead the architecture and product lifecycle of EasyCommerce, an AI-native WordPress eCommerce platform. Deep experience in AI/LLM engineering (RAG, pgvector, multi-provider abstractions), high-performance eCommerce, and engineering leadership. Author of 8+ plugins on WordPress.org and contributor to Dokan, the leading WooCommerce multi-vendor marketplace.

CORE SKILLS

AI / LLM: RAG pipelines, pgvector / vector search, LangChain, OpenAI, Anthropic Claude, prompt versioning, MCP servers, multi-provider abstraction

Languages: PHP 8, Python 3.12, TypeScript, JavaScript, Go, Rust

Backend: WordPress, WooCommerce, FastAPI, Pydantic v2, SQLAlchemy 2.0 async, REST APIs, WP-CLI, Celery

Frontend: React 18, Tailwind CSS, Vite, Gutenberg / @wordpress packages, Alpine.js

Data: PostgreSQL + pgvector, MySQL, Redis, SQLite

DevOps & Quality: Docker, GitHub Actions CI/CD, WordPress.org SVN, PHPUnit, PHPStan, PHPCS, pytest, mypy, ruff

Leadership: Technical leadership, code review, mentoring, Agile / Scrum, architecture & roadmap ownership

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Feb 2026 – Present

Codexpert, Inc · Dhaka, Bangladesh · On-site

- Lead the architecture evolution of EasyCommerce toward an enterprise-grade, AI-native commerce platform built on PHP 8 and React.
- Designed scalable, HPOS-compatible infrastructure supporting high-volume multi-vendor marketplaces.
- Built AI/LLM integrations for automated product management, content generation, and fraud detection.
- Engineered performance to sub-2-second load times via object caching, transients, and query optimization.
- Set technical standards (WPCS, PSR-4, code review) and mentor engineers across the product team.

Team Lead of Product

Nov 2025 – Present

Codexpert, Inc · Dhaka, Bangladesh · On-site

- Own the end-to-end product lifecycle of EasyCommerce — roadmap, feature prioritization, and team execution — cutting merchant setup time by 70%.
- Architected real-time payment infrastructure using Stripe APIs and extensible WordPress hooks/filters with HPOS-compatible order handling.
- Drove AI capabilities (product description generation, image optimization, fraud detection), delivering a 35% conversion uplift in beta.
- Led cross-functional PHP and React.js teams through Agile/Scrum with code-review standards and release discipline.

Software Engineer

Aug 2025 – Oct 2025

Codexpert, Inc · Dhaka, Bangladesh · On-site

- Led core development of EasyCommerce with Stripe and regional gateways (PayPal, bKash) plus AI models for fraud detection and predictive analytics.
- Built Dokan-compatible multi-vendor dashboards and AI-powered product features (35% conversion boost in beta).

Software Engineer

Feb 2024 – Jul 2025

weDevs · Dhaka, Bangladesh · On-site

- Developed and maintained Dokan, the leading WooCommerce multi-vendor marketplace, plus WooCommerce Conversion Tracking and wePOS.
- Delivered major features across PHP, JavaScript, and React.js; conducted code reviews and mentored junior developers.

Software Engineer

May 2023 – Jan 2024

Riseup Labs · Dhaka, Bangladesh · On-site

- Built custom WordPress themes, plugins, and Elementor widgets; authored multiple plugins published on WordPress.org.
- Implemented caching and database optimization for performance and scalability.

Software Engineer

Jan 2023 – Apr 2023

EchoSoft Ltd. · Dhaka, Bangladesh · On-site

- Built WordPress block themes, custom Gutenberg blocks, and Divi modules; resolved cross-platform issues leveraging prior QA expertise.

Software QA Engineer

Aug 2021 – Jan 2023

EchoSoft Ltd. · Dhaka, Bangladesh · On-site

- Owned QA for DiviFlash and DiviGear plugins — comprehensive test scenarios, execution, and analysis; expanded into theme/module development.

KEY PROJECTS

JobPulse RAG — *Python, FastAPI, pgvector, Redis, Celery, OpenAI, Claude* 12-source job discovery platform with RAG-grounded, personalized cover-letter generation and a multi-provider LLM layer with cost circuit breakers.

Codebase Research Agent — *Python, pgvector + BM25 + AST, MCP SDK, Claude* ReAct tool-using agent over hybrid code retrieval, exposed as a Claude Code MCP server.

Tundra — *Rust, TypeScript, Go* Self-hosted server management platform — a modern cPanel/Plesk alternative with native multi-stack deployment.

Portfolio v2 — *Laravel 13, pgvector, Claude, Voyage AI* Personal site with a RAG-powered AI chat, dark design system, and full admin panel + MCP server (46 tools).

WP PostgreSQL Database — *PHP, PostgreSQL* Drop-in wpdb replacement that runs full WordPress sites on PostgreSQL.

Medicare — *Laravel 13, React 19, Inertia, Stripe* Full-stack hospital management system — IPD/OPD, pharmacy, lab, billing, and patient portal.

EasyCommerce FakerPress — *WP-CLI, Playwright* Realistic test-data generator — 14 generators and 131 Playwright E2E tests (WordPress.org).

WooCommerce Gateways & Tooling — *PHP, WooCommerce* Paystack, GoCardless, Razorpay OAuth, ShipStation, DHL/FedEx integrations, plus a suite of PHPStan stub packages.

EDUCATION

Post Graduate Diploma in Information Technology

2023 – 2024

Jahangirnagar University · Specialization: Computer Engineering · Grade A

Bachelor of Social Science

2016 – 2019

National University Bangladesh · Grade A

LICENSES & CERTIFICATIONS

Anthropic Education — 2026

- AI Fluency: Framework & Foundations · Credential ID 7jj8v2ug37ov
- Building with the Claude API · Credential ID 6xuf3in7uxfv
- Introduction to Model Context Protocol · Credential ID fejtzt8mris
- Introduction to Subagents · Credential ID tcnjor3wcovr
- Claude Code 101 · Credential ID gu8bnne46h9i

- Claude Code in Action · Credential ID mu7768i7hv6g

Google — 2026

- Introduction to Generative AI · Credential ID 24962113
- Introduction to Large Language Models · Credential ID 24962852
- Introduction to Responsible AI · Credential ID 24963012

Programming Hub — 2022

- Node.js Certification Course

LANGUAGES

Bengali (Native) · English (Professional working proficiency)