

QUAZI MEHMOODUL HASAN

Full Stack & AI / LLM Developer — Laravel · Node.js · Vue.js · React.js · LLM

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[LinkedIn](#) · [GitHub](#) · [Portfolio](#) · [Technical Writing \(Medium\)](#)

PROFESSIONAL SUMMARY

Full Stack Engineer with 6 years building production Laravel + Vue.js / React.js applications, now shipping LLM-powered features end-to-end. As part of **MyWebAudit's platform team**, helped build its production MCP (Model Context Protocol) server on Laravel 12 — OAuth-secured, rate-limited, exposing 9 tools plus guided LLM prompts — and the **Node.js + Puppeteer serverless backend (AWS Lambda)** that crawls sites and runs AI-driven audits, with lead generation across Google SERP, Maps, SEMRush, and four LLM providers (Claude, OpenAI, Gemini, Perplexity). Strong on REST API design, multi-tenant RBAC, async queues, and MySQL optimization.

TECHNICAL SKILLS

AI / LLM Engineering: LLM application development (Claude API, OpenAI API, Gemini, Perplexity), Model Context Protocol (MCP) servers (laravel/mcp), agentic workflows & tool use / function calling, AI browser agents (Eko), prompt engineering, structured outputs & JSON-schema validation, LLM evaluation & guardrails, token / cost optimization, streaming responses, Claude Code, GitHub Copilot, Cursor

AI — Working Knowledge: RAG (retrieval-augmented generation), LangChain, embeddings & vector databases

Languages & Frameworks: PHP 8, Laravel 12, Vue.js 3 (Vuex, Pinia), React.js, Node.js, Puppeteer, JavaScript (ES6+), jQuery, Ajax, HTML5, CSS3, Tailwind CSS, Bootstrap

Backend & Architecture: REST API design, OAuth 2.0 (Laravel Passport), OOP, MVC, SOLID, Dependency Injection, Design Patterns (Repository, Service Layer, Strategy), Eloquent ORM, RBAC, rate limiting, microservices, webhooks, Laravel Sanctum, JWT, request lifecycle

Databases: MySQL (query optimization, indexing, stored procedures, functions, views, schema design, migrations), MariaDB, Redis, MongoDB

Async & Integrations: Laravel Jobs / Queues / Scheduler, Message-Queue Patterns, Redis job lifecycle (retry logic, dead-letter queues), AWS SQS, AWS Lambda, Stripe, Razorpay, Azure SSO, Trello API, GitHub API, AWS S3

DevOps & Tools: Git, GitHub, GitLab, Bitbucket, CI/CD (GitHub Actions, Bitbucket Pipelines), Serverless Framework, LocalStack, Docker, Kubernetes, Linux, PHPUnit, Jira, Agile / Scrum, Apache (LAMP stack)

Expanding Into: Go (Golang), Python — actively exploring for high-performance backend services and AI/ML tooling.

WORK EXPERIENCE

Full Stack & AI/LLM Developer — AI & SaaS Platform Jan 2025 – Present

Web Impact Software Solutions Pvt Ltd · Indore, India

- **Built MyWebAudit's production MCP (Model Context Protocol) server** on Laravel 12 (laravel/mcp) — OAuth 2.0 (Passport), permission gating, and rate limiting — exposing 9 tools (list_sites, get_audit, generate_leads, ...) so LLM clients can query audit data and trigger actions through a standard interface.
- **Built the Node.js serverless audit backend** — SQS-triggered AWS Lambda functions (Serverless Framework) that crawl sites with Puppeteer, run SEO / accessibility / WordPress / sitemap checks, store results to S3, and retry failures via dead-letter queues.
- Prototyped an AI browser-agent (Eko framework + OpenAI) that drives headless Chromium for LLM-guided site audits — wired into the SQS/Lambda backend (S3 output + status callback) as an experimental capability.
- **Built the generate_leads workflow:** a queued job runs a parallel search across Google SERP, Maps, SEMRush, and four LLM providers (Claude, OpenAI, Gemini, Perplexity), polled via get_lead_results.
- Engineered the LLM integration layer across four providers (Claude, OpenAI, Gemini, Perplexity) with server-side web search — structured JSON outputs, validation/guardrail and retry handling, token-aware prompt design, and guided prompt workflows for AI-visibility and SEO analyses.
- Led a zero-downtime Laravel 8→12 / Vue 2→3 migration across ~1,600 PHP files and ~590 Vue components on a live production SaaS — using Claude Code for systematic deprecation hunting and repository-layer refactoring, with all structural changes (auth stack, bootstrap restructure) reviewed and verified by hand. *Full technical writeup:* medium.com/@quazimehmoodulhasan

- Owned platform reliability and scale: ~40GB MySQL optimization (p95 latency -50%), Redis-backed queues for fault-tolerant parallel audits (~40% faster), multi-tenant REST APIs (JWT, RBAC, rate limiting), and path-aware Bitbucket CI/CD.

Freelance Software Engineer — Self-Employed Apr 2024 – Dec 2024

Remote · Project-based

- **Sole engineer and technical owner** across 3 client engagements — scoping, architecture, build, and Apache / LAMP deployment end-to-end.
- Architected and delivered a Laravel client portal, a Vue.js 3 real-time dashboard, and a REST API integration for a logistics client (~60% faster client reporting).
- Built a Laravel + React.js PIM integration centralizing product-catalog management and automating cross-channel data sync.
- Built a Laravel queue-based email pipeline (thousands of emails/month at 99.8% delivery reliability); integrated Stripe and AWS S3.

Software Engineer — QA SaaS Platform May 2022 – Mar 2024

DCKAP Technologies · Remote / Chennai, India

- Core engineer on QA Touch, a Laravel + Vue.js test-case management SaaS used by 1,000+ QA professionals globally.
- Integrated Trello, Microsoft Azure SSO, GitHub, and the OpenAI API, adding 5 integrations and enabling AI-assisted test-case suggestions.
- Built import/export pipelines for test cases using Laravel Queues and Jobs, reducing bulk processing time from ~8 minutes to under 90 seconds.
- Enforced SOLID, TDD, and design patterns (Repository, Service Layer, Strategy) via code reviews and refactoring, achieving 75%+ PHPUnit coverage on critical paths.
- Engineered ERP-PIM integration modules (Laravel + React.js) for DCKAP Integrator, enabling catalog management and automated sync across Magento, Shopify, and BigCommerce.

Backend Developer (Associate Delivery, OS Level-1) Sep 2021 – Apr 2022

smartData Enterprises (I) Ltd · Nagpur, India

- Backend developer on Sagson LMS, a Laravel learning-management system deployed for overseas clients across multiple countries.
- Integrated Razorpay payments, AWS S3, cron schedulers, and Laravel Events to automate recurring admin and billing workflows.
- Set up GitHub Actions CI/CD for automated build, test, and deployment.

Full Stack Developer Jun 2020 – Jul 2021

WEBMEDIA · Amravati, India

- Built 10+ full-stack web applications with Core PHP, Laravel, JavaScript, jQuery, and Bootstrap for SMB clients across diverse industries, deployed on the LAMP stack (Linux, Apache, MySQL, PHP).
- Developed MySQL-backed REST / SOAP / XML web services and microservices for reliable third-party data integrations.
- Built hybrid mobile apps (Angular + Ionic frontend, Laravel backend) adopted by 500+ users across client deployments.

EDUCATION

Master of Engineering — Computer Science & Engineering CGPA 9.83 / 10.0 · 2023 *Sant Gadge Baba Amravati University*

Bachelor of Engineering — Computer Science & Engineering CGPA 8.89 / 10.0 · 2020 *Sant Gadge Baba Amravati University*

LANGUAGES & SOFT SKILLS

Languages: English (Proficient) · Hindi (Expert) · Urdu (Expert) · Marathi (Proficient)

Soft Skills: End-to-end delivery ownership · Client communication & requirements gathering · Mentoring & code review · Cross-functional collaboration