

AJAY SHARMA

Backend Engineer | Laravel & PHP Developer | AWS & Docker | AI Agent Developer

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PROFESSIONAL SUMMARY

Backend-focused Software Engineer with 5+ years of experience designing, building, and scaling web applications using Laravel, PHP, WordPress, and MySQL. Skilled in developing secure REST APIs, optimizing database performance, and deploying containerized applications on AWS (EC2, ECR, S3, RDS, Route53) using Docker, Nginx, and Linux. Track record of delivering healthcare, CMS, and enterprise platforms end-to-end, from architecture through production deployment. Currently building AI-powered applications and AI Agents using LLMs, RAG, MCP, Vector Databases, and n8n automation.

TECHNICAL SKILLS

Backend: PHP, Laravel, CodeIgniter, REST API Design & Development, MVC, HMVC, OOP

Frontend: JavaScript, jQuery, AJAX, React.js, HTML5, CSS3, Bootstrap

Database: MySQL, Query Optimization, Database Design

Cloud (AWS): EC2, Amazon ECR, Amazon S3, Amazon RDS, Route53

DevOps: Docker, Docker Compose, Nginx, Linux, Git, GitHub, SVN, Cloudflare

AI Engineering (Currently Learning): Prompt Engineering, LLMs, OpenAI APIs, RAG, Embeddings, Qdrant, AI Agents, Tool Calling, MCP, n8n

Tools & Integrations: HubSpot API, Twilio, Stripe, Postman

CMS: WordPress, WordPress Multisite, Advanced Custom Fields (ACF)

PROFESSIONAL EXPERIENCE

Software Engineer — Laravel & WordPress Developer — Atoz Softech Pvt Ltd *Aug 2024 – Present*

- Engineered a Newsletter Builder application from the ground up, enabling streamlined management of users, subscribers, and marketing campaigns.
- Architected WordPress Multisite solutions and custom Advanced Custom Fields (ACF) modules, improving content management flexibility across multiple properties.
- Designed and built a geolocation-based salon booking platform with real-time queue management, improving the end-to-end customer scheduling experience.
- Integrated third-party APIs and optimized MySQL queries, improving application performance and data reliability.

Software Engineer — Laravel Developer — Medyseva Technologies Pvt Ltd *Nov 2023 – May 2024*

- Delivered the Clinic Medyseva and LMH healthcare platforms, supporting appointment scheduling, video consultation, and prescription management for patients and providers.
- Implemented invoicing and commission management modules, streamlining financial operations across healthcare provider accounts.
- Integrated ABDM (Ayushman Bharat Digital Mission) functionality, aligning the platform with national digital health standards.
- Maintained and enhanced administrative systems, ensuring platform reliability for day-to-day healthcare operations.

Software Engineer — Laravel Developer — Nliven Technology Pvt Ltd *Dec 2022 – Oct 2023*

- Built an Inventory Management System with barcode scanning and reporting modules, improving inventory accuracy and operational visibility.
- Developed payroll, attendance, and employee management solutions, reducing manual HR processing effort.
- Designed an inverter comparison and recommendation platform, helping customers make data-driven purchase decisions.

Software Engineer — CodeIgniter Developer — Eway IT Solution Pvt Ltd *Oct 2021 – Nov 2022*

- Developed university management systems supporting students, teachers, and administrators across core academic workflows.
- Built examination, fee management, and marksheet generation modules, digitizing previously manual academic processes.
- Integrated APIs to support mobile applications, extending platform accessibility beyond the web.

CorePHP & CodeIgniter Intern — Eway IT Solution Pvt Ltd

Feb 2020 – Oct 2020

- Built an Add to Cart system using CorePHP and CodeIgniter, gaining hands-on experience with core PHP fundamentals and the CodeIgniter framework.

KEY PROJECTS

Newsletter Builder Application (Atoz Softech)

Problem: Marketing teams needed a centralized way to manage subscribers, campaigns, and dynamic content across multiple WordPress properties.

Solution: Built a WordPress Multisite-based Newsletter Builder using Advanced Custom Fields for dynamic templates, reusable components, and advertisement placement, integrated with HubSpot for campaign and subscriber management.

Technologies: WordPress Multisite, PHP, ACF, HubSpot API, MySQL

Business Value: Reduced time to launch new campaigns and improved content consistency across properties through reusable, performance-optimized templates.

Clinic Medyseva & LMH — Telemedicine Platform (Medyseva Technologies)

Problem: Healthcare providers needed a single digital platform to manage appointments, consultations, billing, and prescriptions.

Solution: Developed Laravel-based modules for appointment booking, video consultation, prescription management, invoicing, and commission tracking, with ABDM integration for national compliance.

Technologies: Laravel, MySQL, REST APIs, Healthcare APIs, ABDM

Business Value: Enabled end-to-end telemedicine workflows for patients and providers, improving care accessibility and administrative efficiency.

Unque — Online Nearby Salon Platform (Atoz Softech)

Problem: Customers needed an easy way to discover and book nearby salons with visibility into wait times.

Solution: Built a geolocation-based booking platform with real-time queue management.

Technologies: Laravel, MySQL, REST APIs, Geolocation APIs

Business Value: Improved customer booking experience and reduced walk-in wait times.

Inventory Management System (Nliven Technology)

Problem: Manual inventory tracking led to inaccuracies and limited reporting visibility.

Solution: Built a barcode-based inventory system with reporting and stock-tracking modules.

Technologies: Laravel/CodeIgniter, MySQL

Business Value: Improved inventory accuracy and gave management real-time reporting visibility.

Other notable projects: ReeCareer Job Portal, Employee Management System (Nliven Technology).

EDUCATION

Bachelor of Engineering — Computer Science

Mahakal Institute of Technology, Ujjain, Madhya Pradesh | 2016

TRAINING & CERTIFICATIONS

- Java Training — HCL Learning Limited, Noida (24-day intensive training)
- Industrial Training — HCL Learning Ltd (Core and Advanced Java)
- Training in C/C++ and Java — Manal Softech Pvt. Ltd.