MUHAMMED AFLAH

Full-Stack Web Developer

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Summary

Full-Stack Web Developer with hands-on experience building web applications, academic systems, and automation-based platforms. Comfortable working with React, Node.js, and database systems to develop secure and structured applications. Eager to contribute to real-world projects while continuously improving technical skills.

Experience

Web Development Intern   *9Commerce | May 2025*
- Worked with the frontend team to build reusable React components.
- Integrated REST APIs and assisted in implementing UI improvements.
- Fixed bugs and supported performance optimization tasks.

Full-Stack Developer   *Mar 2025 – Present*
- Independently developed and deployed web applications for real-world use.
- Built authentication systems and role-based dashboards.
- Developed backend APIs using Express.js with SQL and Firebase databases.
- Implemented CMS features and supported LMS-related customizations.
- Collaborated with clients to gather requirements and deliver functional solutions.

Projects

ConnectSphere — AI-Driven Business Automation   *Feb 2026*
- Built a WhatsApp-integrated automation system using Gemini API for intelligent booking workflows.
- Architected modular backend services to handle real-time data synchronization.
- Implemented a secure operational dashboard for monitoring automated client interactions.

OBE Calculator — Academic Evaluation System
- Automated complex CO–PO–PSO mapping and attainment calculations via custom PHP logic.
- Designed a high-precision evaluation engine aligned with university accreditation standards.
- Generated structured, exportable academic reports for institutional auditing.

QnHub — Question Paper Management System
- Developed a centralized repository with Role-Based Access Control (RBAC) for Admins and Students.
- Optimized search performance using a subject-wise and semester-wise indexed database schema.
- Integrated secure file-handling protocols for academic document integrity.

ExpTracker — Mobile Finance Productivity
- Developed a React Native application featuring SQLite for secure, offline-first data persistence.
- Leveraged Expo and Reanimated to create a high-performance, fluid mobile user experience.

Castle Cars — Vehicle Listing Platform
- Built a dynamic inventory management system with server-side rendering for SEO optimization.
- Implemented lead capture forms and automated email notifications for sellers.

Technical Skills

Frontend Development
- React.js, Next.js
- Tailwind CSS, Framer Motion
- JavaScript (ES6+), TypeScript

Backend & Database
- Node.js, Express.js, PHP
- PostgreSQL, MySQL, Firestore
- RESTful API Architecture

Tools & DevOps
- Linux (Ubuntu), Nginx, Git
- React Native (Expo)
- Postman

AI Tool Adoption
- GitHub Copilot / Cursor AI
- LLM Integration (Gemini, Claude)
- Prompt Engineering for Dev

LMS Specialization
- Moodle Plugin Development
- Moodle Web Services (REST)
- PHP Moodle Architecture

Soft Skills

- Strong problem-solving mindset
- Analytical and logical thinking
- Effective communication and collaboration
- Time management and task prioritization
- Quick learner with adaptability to new technologies

Education

BCA (Computer Applications)
Calicut University
CHMKM Govt Arts & Science College
Exp. Graduation: 2026

Languages

- English (Professional)
- Malayalam (Native)

Reference

Dr. Ashkarali
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