AWAIS AHMAD

Full-Stack Software Engineer | Laravel & MERN Stack Specialist
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PROFESSIONAL SUMMARY

Detail-oriented Full-Stack Software Engineer with 2+ years of commercial experience delivering scalable web applications using Laravel and the MERN stack (MongoDB, Express.js, React.js, Node.js). Proven track record building multi-tenant SaaS platforms, RESTful APIs, and SEC-compliant enterprise systems. Adept at translating complex business requirements into clean, maintainable code while meeting tight delivery deadlines. Currently pursuing an MSc in Artificial Intelligence at the University of Dundee, combining strong software engineering fundamentals with emerging AI capabilities. Eligible to work in the United Kingdom.

CORE TECHNICAL SKILLS

Back-End	PHP 8.x, Laravel 10/11, Eloquent ORM, Blade Templating, Laravel Sanctum, Passport, Livewire, Artisan CLI, Middleware, Queue & Jobs, Event Broadcasting
MERN Stack	MongoDB, Mongoose ODM, Express.js, React.js (Hooks, Context API, Redux Toolkit), Node.js, REST API design, JWT Authentication
Front-End	Next.js 14 (App Router, SSR, SSG, ISR), React Native, HTML5, CSS3, JavaScript (ES6+), TypeScript (basic), Tailwind CSS, Bootstrap 5
Databases	MySQL, PostgreSQL, MongoDB, Redis (caching & sessions), Sequelize ORM, database migrations, query optimization
DevOps & Tools	Git, GitHub, GitHub Actions (CI/CD), Docker (basic), Postman, VS Code, npm/yarn, Composer, Linux CLI
Security & Auth	Role-Based Access Control (RBAC), Spatie Laravel Permissions, OAuth 2.0, JWT, bcrypt, CSRF protection, XSS mitigation
Third-Party APIs	SEC EDGAR API, Yahoo Finance API, Stripe (payments), DomPDF, XML generation, Firebase
CMS & Other	WordPress theme & plugin development, Figma-to-code implementation, Agile/Scrum, Jira

WORK EXPERIENCE

Software Engineer | **Pixako Technologies** | Islamabad, Pakistan (Remote) | Sep 2024 – Present
Key Achievements & Responsibilities:

- Architected and delivered FilerLink, a U.S. SEC-compliant EDGAR filing platform in Laravel, implementing full CRUD operations for SEC Forms 3, 3A, 4, 4A, 5, 5A, D, 144, 144A, and Schedule 13G — significantly reducing client filing errors.
- Converted FilerLink into a multi-tenant SaaS architecture, engineering isolated workspaces for Tenant Admins, Account Admins, and role-based users, ensuring strict data separation and horizontal scalability.
- Implemented granular role- and permission-based access control (RBAC) using Spatie Laravel Permissions, delivering custom dashboards per user role and reducing unauthorised access incidents to zero.
- Integrated SEC EDGAR APIs for real-time CIK delegation checks and live form submission tracking, reducing manual compliance verification time by an estimated 60%.
- Developed PDF generation workflows using DomPDF and XML pipelines to meet strict SEC regulatory compliance standards.
- Built a high-performance e-commerce platform in Laravel with optimised SQL queries and caching strategies, reducing page load times by 25% and supporting 500+ concurrent users.
- Developed a full-featured MERN stack expense tracker application, improving project financial management efficiency by 40% through optimised MongoDB data models and RESTful API design.

- Led front-end architecture for IR-Web (Multi-Tenant Investor Relations Platform) using Next.js 14 with SSR/SSG, delivering SEO-optimised investor pages with real-time Yahoo Finance data feeds.
- Built a no-code admin panel website builder in Next.js enabling non-technical users to customise headers, footers, pages, theme colours, logos, and favicons without redeployment.
- Translated Figma designs into pixel-perfect, responsive UI layouts using HTML, CSS, and Bootstrap, improving mobile responsiveness by 50%.
- Collaborated cross-functionally with designers and back-end engineers to streamline workflows, reducing average feature delivery timelines by 20%.

Technologies: PHP, Laravel 10, MySQL, MongoDB, React.js, Next.js 14, Node.js, Express.js, Tailwind CSS, Bootstrap 5, Spatie Permissions, DomPDF, XML, SEC EDGAR API, Yahoo Finance API, Git, GitHub, Postman, WordPress

PROJECTS

Gmail Clone | MERN Stack
- Built a full-stack email service platform using MongoDB, Express.js, React.js, and Node.js, replicating core Gmail features including inbox management, email composition, threading, search, and labels.
- Implemented JWT-based authentication, AES encryption for message storage, and RESTful API design with Mongoose ODM schemas for users, emails, and threads.
- Achieved responsive cross-device UI with React Hooks (useState, useEffect, useContext) and React Router v6 for SPA navigation.

Gold's Gym Fitness App | React.js & RapidAPI
- Developed and deployed a comprehensive fitness web application featuring 120+ animated exercises with integrated YouTube tutorials, leveraging Exercise DB via RapidAPI.
- Applied component-based architecture, React state management, and API integration; deployed on Netlify with continuous deployment from GitHub.

Digital Student Diary | Final Year Project (Android)
- Designed and developed an Android application (Java) to improve teacher-parent-admin communication, featuring separate dashboards for guardians, teachers, and administrators with Firebase real-time database and Firebase Authentication.

EDUCATION

MSc Artificial Intelligence | University of Dundee, Scotland, UK | Jan 2026 – Present
Modules include: Machine Learning, Deep Learning, NLP, Computer Vision, Data Science, Research Methods.

BSc (Hons) Computer Science | COMSATS University Islamabad | Sep 2019 – Sep 2023
Final Year Project: Digital Student Diary — Android application with Firebase integration.

CERTIFICATIONS & TRAINING

MERN Stack — Knowledge Stream Bootcamp
Jan 2024 – Apr 2024 | Intensive full-stack training covering React.js (Formik, Yup, React Router, Hooks), Node.js, Express.js, PostgreSQL, Sequelize ORM, REST APIs, and JWT authentication.

KEY COMPETENCIES

Multi-Tenant SaaS Architecture • RESTful API Design • Agile & Scrum Delivery • RBAC & Application Security • Database Design & Optimisation • Responsive UI Development • Third-Party API Integration • Code Review & Mentoring • Performance Optimisation • Figma-to-Code Implementation