Hamza Aziz (Software Engineer)

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Profile Summary

Software Engineer with expertise in MERN Stack and also hands on experience with Laravel. Focused on delivering secure and high performance applications with seamless UX and robust backend systems.

Experience

Software Engineer at Axis Coding Solutions *(Nov 2024 – Present)*
- Developed and deployed high performance, scalable web applications using the MERN stack and Laravel, ensuring exceptional UX, intuitive UIs and secure RESTful APIs.
- Implemented enterprise grade security measures and collaborated in cross functional teams to deliver production ready and industry standard solutions.

Key Projects

SkyEstate - *MERN Stack, TypeScript & Shadcn*
- Built a feature rich real estate platform with JWT authentication, OTP based account verification on sign up and password recovery. Added infinite scrolling for a smooth browsing experience.
- Implemented advanced property listing modules with image hosting via Cloudinary and intelligent filtering.
- Developed a full control admin dashboard to manage properties, blogs, messages and users, ensuring operational efficiency.

Legend EHR - *Express, Node.js & MySQL*
- Architected and optimized Sequelize ORM powered APIs for an advanced Electronic Health Record (EHR) system.
- Managed patient reports, insurance handling and EMR workflows for physicians and providers.
- Integrated UDI (Unique Device Identification) and barcode systems to enhance medical device tracking and compliance.

Expensy - *React, TypeScript & Firebase*
- Developed a real time finance management app with secure Firebase authentication and Firestore cloud storage.
- Created interactive dashboards with live balance, income, and expense tracking.

AutoDealers Club - *Laravel & MySQL*
- Delivered RESTful APIs for an automobile marketplace mobile app with JWT authentication and OTP based password reset.
- Built advanced multi-criteria search and filtering systems, significantly improving vehicle discovery speed. Streamlined user invitation workflows to boost engagement and user acquisition.

Skills

- **Frontend:** Next.js, React, Tailwind CSS, jQuery, Bootstrap, CSS
- **Backend:** Node.js, Express, Laravel, Firebase
- **Databases:** MongoDB, MySQL, SQLite
- **Languages:** TypeScript, JavaScript, Python, SQL, PHP, HTML, C++
- **Tools:** Git, Jira, Postman, Figma

Education

BS Computer Science from Lahore Garrison University *(2025, CGPA: 3.74 / 4.00)*