

# Hamza Aziz (Software Engineer)

Lahore, Pakistan | +92 308 6646421 | [hamza@hamzaaziz.me](mailto:hamza@hamzaaziz.me)  
[hamzaaziz.me](https://hamzaaziz.me) | [github.com/IamHamzaAziz](https://github.com/IamHamzaAziz) | [linkedin.com/in/iamhamzaaziz](https://linkedin.com/in/iamhamzaaziz)

## Profile Summary

---

Over 1 year of experience in Next.js, React, Express and Laravel. Skilled in building secure, high performance applications with seamless user experiences and reliable backend systems.

## Experience

---

### Software Engineer at Axis Coding Solutions

Nov 2024 – Present

- Built full stack features for live systems, taking part in planning, development, testing and deployment.
- Held one to one online meetings with clients to understand needs and give progress updates.
- Improved app speed by using Redis caching. Added real time features with Socket.IO such as live chat, live status change and instant updates to make the apps feel more active. Used Stripe as payment gateway for secure transaction processing.
- Utilized modern tools like TanStack Query, modern ORMs and ODMs like Prisma, Sequelize and Mongoose to build safe and efficient database work with complex queries, joins and filters and created secure API routes with clear access rules and strong checks.

## Key Projects

---

### Legend EHR - EHR system for US based physicians and dermatologists - [legendehr.com](https://legendehr.com)

- Designed EMR workflows for diagnostic tests, clinical reports, health concerns and treatment tracking with configurable settings and notifications.
- Implemented IP-based access restrictions and whitelisting to secure office access and protect data, while integrating clinical modules into progress notes to reduce manual work and support insurance and claims reporting.
- Ensured HIPAA compliance using RBAC and secure permission controls, integrated UDI barcode tracking, and built dashboards and patient portal modules to improve visibility and engagement.

### AIRE Health - Ecommerce platform for US based patients and physicians - [airehealth.com](https://airehealth.com)

- Developed physician-specific product basket functionality to support purchasing workflows.
- Built and maintained campaign management modules to streamline marketing operations and improve conversion tracking.
- Wrote optimized and performance tuned SQL queries for analytics reporting in Metabase, enabling better business insights and data-driven decisions.

### Perfect Motors - UAE based online automobile marketplace - [perfect-motors.com](https://perfect-motors.com)

- Developed a 48 hour vehicle reservation system with a dedicated admin module for management.
- Built multiple admin panel modules to improve administrative control, including IMAP/SMTP integration for handling user queries through email systems for faster response and better support.

## 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, HTML, C++
- **Additional:** Socket.IO, Redis, TanStack Query, Git, Jira, Figma

## Education

---

BS Computer Science from Lahore Garrison University (CGPA 3.74 / 4.00)

2025