

Hamza Aziz (Software Engineer)

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Profile Summary

I utilize technologies like Next.js, MERN stack and Django to develop user centric web applications. I have developed multiple websites which provide numerous functionalities such as SMTP setup, using rich editors and many more. Websites developed by me aim at providing great user experience, sublime interfaces and enhancing productivity.

Key Skills

- **Frontend:** Next.js, React.js, Tailwind CSS, Shadcn, Bootstrap, AJAX, CSS
- **Backend:** Node.js, Express.js, Django, Django REST Framework, Firebase
- **Databases:** MongoDB, MySQL, SQLite, MS SQL Server
- **Languages:** TypeScript, JavaScript, Python, SQL, HTML, C++
- **Version Control:** Git, GitHub
- **Additional Skills:** Figma, WordPress

Key Projects

- **Real Estate Website** [MERN Stack, TypeScript, Shadcn]
Developed a real estate website featuring OTP-based user authentication and password reset. The site lists properties with images and details like address, area, and city, allowing users to filter and save listings. Rich text descriptions for properties and blogs were implemented with React Quill. Additionally, the platform includes a contact form and an admin panel for managing properties, blogs, messages, and users.
- **Blogs Web App** [MERN Stack]
Using this web application, authenticated users can create, update and delete blogs. Besides that, they can also read other blogs. Each blog has an image, title, summary and blog content which is written using a rich text editor React Quill so that users can write blog in their desired format. This app also has an admin panel.
- **Events Web App** [React, Django REST framework]
This web application allows authenticated users to add, update and delete events, while all users can view event listings and details. Additionally, the app features event search functionality and filtering by category for enhanced user experience.
- **Recipe Sharing Web App** [Django]
This web application enables users to share and save recipes, similar to saving posts on social media platforms. It has user authentication, CRUD operations and image uploads. Users can also apply filters to find specific recipes. For enhanced security, UUIDs were used instead of regular IDs.

Award

- Coding competition winner at Tech Gala 2023 organized by Garrison IT Society (GITS)

Education

- **BS Computer Science** from Lahore Garrison University
Graduation Year: 2025 CGPA: 3.85/4.0 (Cont.)
- **FSC Pre Engineering** from Government College University Lahore
- **Matric with Computer Science** from Garrison Academy for Boys Lahore

Certificates

- **Python Data Structures** (Issued by Sololearn)
- **SQL** (Issued by Sololearn)