Hamza Aziz (Full Stack Website Developer / Software Engineer)

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Portfolio | LinkedIn | GitHub

Profile Summary

I am a Computer Science student at Lahore Garrison University, as well as a Full Stack Website Developer or Software Engineer who has strong foundations in MERN stack and Django for developing user friendly web applications. Throughout this journey, I have developed multiple websites which provide numerous functionalities such as SMTP setup, using rich editors and many more which aim at providing great user experience and enhance productivity.

Key Skills

- **Frontend:** React JS, Tailwind CSS, Bootstrap, Ajax
- **Backend:** Node JS, Express, Django, Django REST Framework
- **Database Management Systems:** MySQL, SQLite, MS SQL Server
- **Programming Languages:** Python, JavaScript, SQL
- **Version Control:** Git, GitHub
- **Additional Skill:** WordPress

Projects

- **Blogs App:** Using MERN stack I developed a blogging web application where 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.
- **Portfolio:** I developed my Full Stack Portfolio using MERN stack. This portfolio features my skills, projects and a contact form which allows anyone to send me a message. On sending message, I receive an email using SMTP setup in backend which notifies me of the message being dropped by a user to which I can respond accordingly. Moreover, this portfolio also features typing animation and toasts.
- **Events App:** In this events app, I utilized React and Tailwind CSS for the frontend, and Django along with the Django REST Framework for the backend. The 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 App**: This web application enables users to share and save recipes, similar to saving posts on social media platforms. It features 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. The project was built using Django and styled with Tailwind CSS.

Awards

- Coding competition winner at Tech Gala 2023 by Garrison IT Society
- Gold Medalist at LGES High Achievers Ceremony in 2019

Education

- **BS Computer Science** from Lahore Garrison University
  Graduation Year: 2025   CGPA: 3.90 (Cont.)
- **FSC Pre Engineering** from Government College University Lahore
- **Matric with Computer Science** from Garrison Academy for Boys

Certificates

- **Python Data Structures** (Issued by Sololearn)
- **SQL** (Issued by Sololearn)
- **Web Development Fundamentals** (Issued by Sololearn)