Zunair Ali

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EDUCATION

University of Education, Lahore   *Aug 2022 – Present*

Bachelor of Computer Sciences and Information Technology   *(3.37 CGPA)*

EXPERIENCE

HeadStarter AI – SWE Fellowship   *July 2024 – Sep 2024*

7-week remote internship

- Built and deployed five functional AI-based projects within seven weeks using React.js, Next.js, Clerk, and OpenAI.
- Collaborated with diverse fellows and mentors, enhancing communication, adaptability, and team collaboration.
- Participated in weekend hackathons, demonstrating quick problem-solving, teamwork, and creativity under time constraints and adopting best practices for industry standards.
- In the final week, our team of 3 build a final project named **Smart Learn-AI**, an AI-powered application designed to help students with tailored solutions for their need.

PROJECTS

Real-Estate| *React, Node, Express, MongoDB, REST API*

- Developed a full-stack web application using the MERN stack (MongoDB, Express.js, React, Node.js) with secure user authentication and authorization via JSON Web Tokens (JWT) and use Redux-toolkit for state management.
- Utilized modern development tools and practices to deliver features like [insert key features, e.g., real-time notifications or user dashboards], showcasing expertise in full-stack development.
- Deployed the application on VERCEL ensuring seamless access and minimal downtime.

Full Stack Authentication System | *React, Node, Express, MongoDB, JWT*

- Built a functional authentication system using the MERN stack (MongoDB, Express.js, React, Node.js) with advanced features like password reset email verification with JWT auth.
- Designed an email verification flow to enhance account security and incorporated password reset functionality with one-time tokens for improved User Interface and experience.
- Delivered a responsive UI for user interactions and a scalable backend API to handle authentication workflows.

Smart Learn-AI | *React.js, Clerk, Gen AI, Tailwind CSS, MUI*

- Built a functional AI application that helps students redefine their learning experience offering tailored learning paths and real-time assistance to help the students' complex concepts easily.
- The application uses Clerk for authentication, Google Gen AI for the advanced features, Framer Motion for styling, and MUI for styling. Use Gemini Api to handle responses and give users tailored solutions.
- Deployed the application on VERCEL ensuring seamless access and minimal downtime

TECHNICAL SKILLS

Languages: C/C++, Java, HTML, CSS, JavaScript
Frameworks: React, Node.js, Express.js, Next.js
Developer Tools: Dev C++, VS Code, Visual Studio, IntelliJ, MySQL workbench
Databases: MongoDB, MySQL
Version Control System: Git and GitHub

AREA OF INTEREST

AI & ML – Interested in leveraging AI to create innovative solutions, such as customer support agents.
Data Structures & Algorithms – Enjoy solving problems and optimizing code for performance and scalability.
API Development & Integration – Having keen interest in creating robust integrations, such as using Context API, Gemini API, and other custom APIs.