MUAAZ AZHAR

ASSOCIATE SOFTWARE ENGINEER

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EXPERIENCE

Gigalabs, Johar Town Lahore — *Junior Software Engineer*

November 2022- PRESENT

- As a developer, I was tasked with creating a robust and scalable system that would streamline the inventory management process and enhance the overall efficiency of the organization. I designed and developed this web app using Nestjs, Reactjs and PostgreSql.
- Collaborated with cross functional teams to improve functionality and add new features.
- Optimized database and API endpoints to improve performance and scalability of application.

EDUCATION

Government College University, Lahore — *BSCS*

2018 - 2022

2.95/4.00 GPA

PROJECTS

Inventory Management System — *Asset management App*

- Using NestJS as the backend framework allowed me to build a highly modular and maintainable codebase. The use of dependency injection and decorators helped in creating clean and readable code that could be easily extended and tested. The integration with PostgreSQL allowed for efficient storage and retrieval of inventory data, ensuring fast response times and minimal downtime.
- On the frontend side, ReactJS provided a smooth and seamless user experience with its highly responsive UI components and efficient rendering engine. The use of state management tools like Redux allowed for easy data management and synchronization with the backend server.
- Overall, working on this project was an enriching experience that helped me hone my skills in modern web development technologies. The combination of NestJS, ReactJS, and PostgreSQL proved to be a

SKILLS

- Web Development
- SQL
- PostgreSQL
- MongoDB
- Nodejs
- Reactjs
- Nestjs
- Problem Solving
- Communication Skills
- GIT
- Working With Teams
- Leadership

HOBBIES

- Programming
- Learning about new skills.
- Gaming
- Traveling

CERTIFICATES

- ISSB(Recommendation letter).
- Nodejs Complete Guide (Udemy).
- Reactjs Modern With Redux (Udemy).
- Nestjs Complete Developers Guide (Udemy).

robust and efficient stack for building complex systems, and I look forward to working with them again in the future.

Incubation Center — *Social Media Application*

- Working on an incubation center social media app using the MERN stack (MongoDB, ExpressJS, ReactJS, and NodeJS) was a fulfilling experience. We developed a platform that connected entrepreneurs with mentors and investors, facilitating collaboration and networking. MongoDB's flexibility and scalability, along with ExpressJS and Node Js server-side development capabilities, allowed us to create a highly efficient and scalable system.
- On the frontend, ReactJS provided a seamless and responsive user experience, with Redux as the centralized data store for easy data management and synchronization. The MERN stack proved to be a powerful and efficient solution for building complex social media platforms.
- Seeing the impact our app had on the entrepreneurial community was truly fulfilling. It was rewarding to build a product that helped aspiring entrepreneurs connect and collaborate with mentors and investors. Overall, the project was a great learning experience that allowed us to hone our skills in modern web development technologies.