

AFAQ AHMAD

Associate Software Engineer - MERN Stack

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SUMMARY

Results-oriented **full-stack developer** with a BS in Computer Science and a comprehensive background in computer engineering. Specializing in front-end technologies such as ReactJS, Next.js, Material UI, and TypeScript, alongside proficient backend development using Node.js, Express. Demonstrated ability in crafting robust full-stack web applications to enhance user experience and drive engagement.

PROJECTS

Confidential Company Application - Ventech Studio Product

Dec,2023 - present

- Initiated the frontend architecture from scratch following extensive research and learning of new technologies such as **Next.js, TypeScript, Redux and Material UI**. Established a robust foundation for the frontend by implementing cutting-edge practices and methodologies. Utilized **Formik and Yup** for form data validation.
- Initialized the backend of the product from scratch using **Node.js and Express**, proficiently managing routes, middlewares, and controllers. Utilized **Sequelize** ORM for seamless database schema migration, data population through seeders, and model implementation as references to MySQL database tables. Implemented **JWT** for authorization and utilized **Joi** for API data validation.

Accessible Transport Service Platform

April, 2024 - present

- Worked as a frontend developer for developing a web application using **React** and **TypeScript** for a transport service aimed at disabled and special needs individuals. Focusing on creating a user-friendly interface with enhanced accessibility features to ensure inclusivity and seamless user experience. I used **Jenkins** for deployment of this project.

Online Cleaning and Wash Services – FYP

Mar, 2023 - Dec,2023

- Partnered on an online janitorial service platform, focusing on frontend admin panel development using **React** and **Material-UI**. Contributed to the project's aim of simplifying booking, enhancing transparency, and improving efficiency for service providers.

EDUCATION

Government College University, Lahore

2019 - 2023

- Bachelors in Computer Science (BSCS)

CGPA: 3.06

EXPERIENCE

Associate Software Engineer - Ventech Studio, Lahore

Oct, 2023 - present

Internship - (MERN Stack) - Ventech Studio, Lahore

Jul,2023 - Oct,2023

CERTIFICATES

- Completed 5 out of 9 courses towards **certification as a professional frontend developer offered by Meta on Coursera** (in progress). Certificates available on request.

SKILLS

- Programming Languages:** HTML, CSS, JavaScript, TypeScript
- Frameworks & Libraries:** Reactjs, Nextjs, Node, Express, Redux Toolkit, Material UI
- Databases:** MySQL, MongoDB
- Authentication & Validation:** Formik, Yup, Joi, JWT

- **Version Control:** Git, Github, BitBucket
- **CI/CD:** Jenkins
- **Soft Skills:** Communication, Problem Solving, Teamwork, Flexibility, Time Management