MUHAMMAD ADEEL ILYAS

Full Stack Developer

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INTRODUCTION

Full Stack Developer with **4+** years of experience specializing in developing **Full-Stack web applications**. Proficient in **JavaScript frameworks** such as **React.js** for frontend development and **Node.js** for backend services. Skilled in designing **RESTful APIs** and working with databases like **MongoDB**. Experienced in building **scalable**, **high-performance** applications, and solving complex issues in both frontend and backend environments. Expertise in implementing solutions for web platforms with strong focus on clean, efficient code and **end-to-end project execution**.

EDUCATION

Comsats University Islamabad, Lahore Campus   Jan. 2020 – Jan. 2024
Bachelor of Science in Computer Science   *Lahore, Punjab*

EXPERIENCE

MountSol   Nov 2021 – Present
Full Stack Developer   *Lahore, Punjab*

- Led the full-stack development of dynamic web applications, ensuring efficient frontend architecture with **React.js** and robust backend services using **Node.js**. Focused on improving performance, code maintainability, and scalability.
- Spearheaded the development of the **Ramped API Google Chrome Extension**, optimizing **DOM manipulation** and automation for job application submissions, which reduced manual input errors by 30%.
- Designed and implemented a multi-tenant management system with key modules for **restaurants**, **car rentals**, and **schools**, integrating features such as **kitchen** and **laundry** services to enhance operational efficiency.
- Developed secure and scalable **user authentication** and **authorization** systems using JWT, enhancing the overall application security.
- Integrated **Stripe** API for handling payments and subscriptions, ensuring a seamless user experience and efficient transaction processing.
- Adopted **Agile methodologies**, working in sprints to deliver features on time, participating in **daily standups** and retrospectives, and collaborating cross-functionally to resolve blockers.
- Implemented **Socket.IO** for real-time data synchronization, ensuring smooth and immediate updates across multi-user environments.

Expert System Solution   Jan 2019 – Dec 2020
Full Stack Developer   *Lahore, Punjab*

- Developed and maintained responsive web applications using **React.js** for frontend, ensuring cross-browser compatibility and optimal performance.
- Led the development of **Polytex Mobile Admin Application** using **React Native**, focusing on smooth UI/UX, real-time state management with **Redux**, and backend integration using **Node.js**.
- Optimized **MongoDB** and **SQL** queries to improve data retrieval time by 40%, ensuring that the backend efficiently served large volumes of data.
- Utilized **problem-solving skills** to identify performance bottlenecks and implement effective solutions, including database query optimization and frontend performance enhancements.
- Collaborated using **version control systems** (Git, Bitbucket) and participated in **Agile ceremonies**, contributing to **sprint planning**, **retrospectives**, and **backlog grooming**.

PROJECTS

Ramped API | Google Chrome Extension   **(MountSol)**

- Developed a Chrome extension using **React.js** and vanilla JavaScript to automate form submissions for job applications. Reduced manual input by over 30%, improving efficiency for end-users.
- Integrated **AI-powered job search** capabilities with user portal access, enabling global job searches with filtering options.
- Implemented a payment gateway using **Stripe**, allowing users to subscribe to premium features.

Polytex Mobile Admin Application | React Native   **(Expert System Solution)**

- Developed a mobile administration panel for real-time management of user data and transactions, with seamless UI/UX using **React Native**. Integrated backend services with **Node.js** and **MongoDB**.
- Utilized **RESTful APIs** for real-time updates and ensured state management using **Redux** for a smooth and responsive user experience.

SKILLS

Languages: JavaScript, Python, HTML5, CSS Modules, SQL, PostGreSql, TypeScript, GraphQl, Apollo-Client, WebSockets

Frameworks/Libraries: React.js, React Native, Node.js, Express.js, Redux, Material-UI, Bootstrap, Django

Databases: MongoDB, MySQL, PostgreSQL

Tools: Git, Docker, Stripe API, Jira, VSCode. Figma

Problem-Solving: Experienced in identifying and resolving complex technical issues across both frontend and backend environments.

Methodologies: Agile, Scrum, Test-Driven Development (TDD)