Talha Ahmad

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LINKS

github.com/tentalha
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EDUCATION

COMSATS, LAHORE
BS in Software Engineering
Expected Jan 2024

GOVERNMENT COLLEGE
Intermediate in Computer Science
2019

DIVISIONAL PUBLIC SCHOOL
Matriculation in Computer Science
2017

TRAININGS

NEXSKILL
Web Development | 2020

UDEMY
React - The Complete Guide 2023 (incl. React Router Redux)

COURSEWORK

UNDERGRADUATE
Object Oriented Programming
Data Structures and Algorithms
Database (SQL)
Computer Networks
Operating Systems (C, Linux)
Software Requirements Engineering
Software Testing
Intro to Data Science (Python)
Web Engineering (MERN Stack)
Game Development (Unity, C)
Mobile Application Development(Flutter)

SKILLS

PROGRAMMING
- Java • C • C++
- C# • Python • JavaScript
- React.js • Node.js • Express.js
- TypeScript • Web3.js •Etherium
- MongoDB • SQL • Git
- Unity • HTML • CSS
- TypeScript

ABOUT

A strong engineering professional with an educational background focused on Software Engineering. Passionate about creating effective and user-friendly web solutions. Over a year of practical experience designing, developing, and deploying web applications using cutting-edge and state-of-the-art technologies, including React, Node.js, JavaScript, TypeScript, Redux js, MongoDB, MySQL, and Git. Proven ability to contribute effectively to both individual and team-based projects.

EXPERIENCE

EDRAAK SYSTEMS | Software Engineer
July 2022 - Present

- Worked on multiple full-stack applications that gave a boost to my technical as well as interpersonal skills.
- Proficient in crafting reusable react components, ensuring consistency and maintainability across projects.
- Used Web Sockets to build real-time Dashboards and Notifications in systems.
- Used Redux js for state management and middlewares like Redux Thunk.
- Crafted captivating data visualizations using libraries such as Plotly.js, enhancing the presentation of complex information.
- Integrated and Implemented third-party libraries and APIs to enhance the user experience.
- Incorporated React Query to optimize network calls, enhancing both performance and bandwidth utilization.
- Utilized the MVC design pattern to develop seamless APIs.
- Built and implemented JWT and Refresh tokens to manage the Authorization and Authentication of users in multiple projects.
- Used ORMs like Mongoose for seamless communication with the Database.
- Proficient in Git for version control, ensuring seamless collaboration and code management.
- Successful deployment of projects on virtual machines (VMs).
- Communication with clients for better workflow.

PROJECTS

INFODART | Real-Time Data Anomaly Visualization Application
• Role: Web Engineer | Technologies: React, Node.js, WebSocket, MongoDB
• Developed a real-time data visualization application called "Infodart" aimed at detecting and visualizing anomalies in streaming data. Collaborated with a cross-functional team to create a robust and user-friendly platform.

REETS |Real-Time Data Visualization Application for Vibrational Sensors
• Role: Frontend Engineer | Technologies: React, Node.js, WebSocket, MongoDB

RECRUITMENT APP | Agent-Driven Hiring and Referral Platform
• Role: Full-Stack Developer | Technologies: React, Node.js, Express.js

JUSTICEHUB | Final Year Project (In Progress)
Trying to solve the Credibility and Mutability issue of Law Enforcement Agencies by Implementing Blockchains. Technologies used are Node.js, React.js, Express.js, Mongo DB, Solidity, and Ethers.js

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
• Movies Recommendation System.