Shaik Ahmad Nawaz

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EDUCATION

BTech. Computer Science and Engineering   Andhra Pradesh, India | 2020 - Present
Vasireddy Venkatadri Institute of Technology
Coursework: Data Structures and Algorithms, Object-Oriented Programming, Web Development, Database Management System, Operating Systems, Computer Networks

PROJECTS

WORKOUT TRACKER ⤢   ○ Code | Jan 2023

- Developed a **workout tracking** application using **React**, **Node.js**, **Express.js**, and **MongoDB**.
- Implemented **authentication** and **authorization** using **JSON Web Tokens (JWT)**, Stored user data securely using **MongoDB** and **encrypted passwords** using **bcrypt**, Allowed users to **create**, **read** and **delete** workout records.
- Utilized **Express.js** for building the **RESTful API** for **communication** between the **front-end** and **back-end**.

Technologies Used: React, Node.js, Express.js, MongoDB, JSON Web Tokens (JWT), Git and GitHub

REAL-TIME CODE EDITOR ⤢   ○ Code | Aug 2022

- Developed a **real-time code editor** using **React**, **Node.js**, and **Express.js**.
- Implemented **Web Sockets** using **socket.io** for **real-time collaboration**, Added feature for **creating rooms** for **multiple users** to work on the **same code simultaneously**.
- Utilized **socket.io** for sending and receiving updates in **real-time** between **clients** and **server**.

Technologies Used: React, Node.js, Express.js, Socket.IO, Git and GitHub

REACT WEATHER APP ⤢   ○ Code | Jan 2023

- Built a **weather application** using **ReactJS** and the **OpenWeatherMap API**.
- Implemented **API calls** using **Axios** to retrieve **weather information** and update the user interface in real-time.

Technologies Used: React, OpenWeatherMap API, Git and GitHub

REACT PORTFOLIO WEBSITE ⤢   ○ Code | Jan 2023

- Developed a **personal portfolio** website using **ReactJS** and **Tailwind CSS**.
- Implemented a modern and visually appealing design using **Tailwind CSS** to **showcase** personal projects, skills, and experiences.

Technologies Used: React, Tailwind CSS, Git and GitHub

TECHNICAL SKILLS

Programming Languages: Java, Python, HTMl, CSS, JavaScript, C, SQL, TypeScript, Solidity
Frameworks/Libraries: React, Tailwind CSS, Styled-components, Node.js, Express.js, Redux Toolkit, REST API, Firebase
Databases: MongoDB, MySQL, Firebase
Developer Tools: Git, GitHub, AWS, GCP, Docker, Visual Studio Code, Postman, Linux, Windows, Figma

ACHIEVEMENTS

- Successfully completed the **Google Digital Cloud certification**, demonstrating a deep understanding of cloud computing and its application in modern businesses.
- Solved over **350+** programming and algorithmic problems on popular coding platforms such as **LeetCode** and **Geeks for Geeks**.
- Selected as a **Postman API Fundamentals Student Expert**, a recognition program for students who demonstrate a deep understanding of API fundamentals and best practices.
- Published **technical blogs** on a variety of software development topics, demonstrating a deep understanding of the latest technologies, trends, and best practices.