

PREET SINGHVI

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Education

M S Ramaiah Institute Of Technology(CGPA - 8.91)

August 2019 – July 2023

Bachelor of Engineering in Electronics And Communication Engineering

Bangalore, Karnataka

Experience

VCTI

July 2023 – Present

Software Engineer

Bangalore, Karnataka

- **Full-Stack Application Development (React-Redux And Python FastAPI):** Demonstrated proficiency in front-end technologies with React and Redux, ensuring a seamless user experience. Led Python FastAPI integration to optimize server-side operations and backend logic.
- **Performance Optimization:** Executed-efficient pagination concept on both frontend and backend APIs, dramatically reducing the load/reload times from **55 seconds** to just **5 seconds**, significantly enhancing overall performance and user satisfaction.
- **Backend Database Integration:** Integrated MongoDB and PostgreSQL databases into Python backend logic, enhancing data communication and reducing query response time by **40 percent**, which improved overall system efficiency and user experience.
- **Awards and Honors:** Honored with the **Managerial Award** for exceptional proficiency in React frontend and Python FastAPI backend development,contributing to a **40 percent** increase in project delivery efficiency and team performance.

VCTI

March 2023 – June 2023

Software Engineer Intern

Bangalore, Karnataka

- **Enhanced User Interface (UI):** Improved the UI of a pole detection website in collaboration with a team of 6 members, resulting in a more visually appealing and user-friendly interface.
- **Developed API Functionality:** Designed robust API endpoints using Node.js and Express.js, enabling seamless communication between the frontend and backend systems.
- **Professional Development::** Adapted to the latest technologies in React, Redux, FastAPI, and database management through continuous learning.

Skills

Languages: Java, Python , Javascript, Typescript

Web Development Technologies: ReactJS, Redux, FastAPI, HTML, CSS , Express.js

Familiar With: MERN Stack, PostgreSQL, MongoDB, SQL , Node.js

Software/Tools: Visual Studio Code , GitHub , Git, Docker

Courses:Data Structures and Algorithms, OOPS, Database Management System, Networking, Operating Systems

Projects

Amazon-Shopping-Clone(GitHub) | *NodeJS, Express, MongoDB, ReactJS*

- Developed an Amazon E-commerce platform clone with seamless user authentication.
- Incorporated essential features including 'Add to Cart' functionality.
- Revamped product categorization by organizing items into 'Watches', 'Shoes', 'Mobiles', and 'Laptops', optimizing user navigation and experience.
- Dynamically updated total cart value for an enhanced user experience.

Login App(GitHub) | *ReactJS , Javascript ,FastAPI, PostgresSQL*

- Created a learning project to explore the capabilities of ReactJS, FastAPI, PostgresSQL.
- Employed PostgresSQL to store and manage data on the server-side
- Implemented user authentication.
- Frontend - ReactJS , Backend - FastAPI.

Achievements

- **4 star coder** at **Codechef** with maximum rating of **1895**.
- **5 star coder** at **HackerRank**.
- Secured rank of **81th out of 15000+ participants** and **147th out of 9000+ participants** in **Codechef Contest**.
- Solved **500+ problems** on Data Structures And Algorithms on platforms like **Leetcode,Codechef, Codeforces,Hackerrank**.