SIDDHARTH SAINI

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EDUCATION

Bharati Vidyapeeth College Of Engineering, PUNE   **Oct 2020 - June 2024**
Bachelor of Technology - 8.48 CGPA

PROJECTS

Journal Application - Present   **Source Code**
- Built a Journal Application using **Java, Spring Boot, MongoDB, Lombok and REST APIs**,which made journaling effective by 30%.
- Implemented **CRUD** operations including HTTP methods such as POST, PUT, DELETE, and GET. with spring.data.mongodb, optimizing database performance by 30%.
- Tested APIs using the tool **Postman**, achieving 100% endpoint reliability.
- Implemented **JWT**-based authentication for secure login/signup , reducing unauthorized logins by 100%.
- Used IntelliJ IDE for seamless development, ensuring 100% efficiency coding practices.

Currency Converter   **Source Code**
- Developed a **React.js** currency converter with **Tailwind CSS**, integrating **ExchangeRate-API** to deliver real-time exchange rates with 99.8% uptime, reducing manual calculation errors by 100%.
- Utilized **React hooks (useState, useEffect)** to manage API calls and dynamically update currency rates.
- Minimized unnecessary API calls using **React hook (useCallback)** and conditional fetching.

Project Manager   **Source Code**
- Developed a full-stack Project Management System using **React, Tailwind CSS, Spring Boot, and PostgreSQL** reducing page load time by 40% , enabling team collaboration.
- Implemented **JWT**-based authentication for secure login/signup , reducing unauthorized logins by 100%.
- Designed RESTful APIs with **Spring Boot (Java)** for CRUD operations, improving backend response time by 25%.
- Created an intuitive dashboard to track ongoing projects, assign tasks, and filter projects by status/priority, improving team productivity by 30%.
- Successfully deployed the application with **PostgreSQL** database which reduced manual tracking efforts by 40% through automated task updates.

FREELANCE

Beyond Foam   **Website Link**
- Led 80% of the development and deployment of a live e-commerce website using Shopify. Customized themes, set up product catalogs, integrated payment gateways, and analytics. Delivered a fully functional, market-ready storefront with a focus on performance, user experience, and mobile responsiveness.

TECHNICAL SKILLS

Language: JAVA, JavaScript, SQL, HTML5, CSS3, mongodB.
Frameworks: React.Js, Express Js, Node js, Spring Boot, Tailwind CSS.
Developer Tools: Postman, VS Code, GitHub, IntelliJ IDE, Spring Tool Suite(STS).
Concepts: Data Structures & Algorithms (DSA), OOPs, CI/CD Pipelines, RESTful APIs.

CURRICULUM

Marketing Head | BVUCOEP | 2023
- Led promotional campaigns, increasing fundraising by **30%** for annual fest.

Marketing Coordinator | BVUCOEP |2022
- Executed outreach strategies through email/Social media, boosting event participation by **20%**.

INTERESTS

- **Blockchain :** Got interest in blockchain 2021 when the price of Bitcoin was setting its all time high. Worked with one of the club of the college which was named as BLOTIC this works on blockchain and Web 3.0 , after joining with this club i also got familiar With web 3.0 and learned few more things about blockchain.

- **Artificial Intelligence :** Explored data-driven recommendation systems (e.g., YouTube's algorithm).