SAURABH YADAV

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EDUCATION

Parul Institute of Technology, Vadodara   **2021 − 2025**
B.Tech - Computer Science and Engineering - CGPA - 7.79   *Vadodara, Gujarat*

Jay Abla J Jeevan Inter College, Ayodhya   **2019**
Class 12th - PERCENTAGE - 71.4   *Ayodhya, UP*

Tiny Tots Sr. Sec School   **2017**
Class 10th - CGPA - 10   *Ayodhya, UP*

EXPERIENCE

1stop.ai   **December 2024 - March 2025**
Software Developer Intern   *Bengaluru, Karnataka*
- Developed scalable APIs integrated with React.js for **jobnova, a job portal application.**
- Built admin and recruiter dashboards for managing job postings, candidate applications, and system analytics
- Integrated JWT-based authentication and role-based authorization to ensure secure access control.
- Executed unit testing with **Vitest** and **Jest**, reducing bugs by 40% significantly improving software stability.
- Learned essential practices for code optimization, debugging, and deployment in a real-world project.
- Technologies Used: React.js, Node.js, Typescript, MongoDB, Jest, Vitest

PROJECTS

LMS - Acadion ⬈ | React, Node, Express, MongoDB, Cloudinary, Stripe   **Aug 2024**
- Developed a feature-rich ed-tech platform for creating and consuming educational content, significantly enchancing the overall learning experience for user across various devices.
- Implemented secure authentication, seamless payment processing and efficient cloud-based media management ensuring a smooth and reliable user experience at scale.
- Enabled instructors to create, manage, and delete courses with an intuitive dashboard.
- Optimized the platform to support high user engagement and seamless course delivery.

E-Commerce − WebMart ⬈ | React, Node, Express, MongoDB, Cloudinary, Paypal API   **May 2024**
- Engineered a full-stack web application with a REST API using React as the frontend.
- Implemented user authentication and role-based authorization for secure access and transactions.
- Integrated Cloudinary for efficient image management and product image storage.
- Incorporated the PayPal API for seamless and secure payment processing in the checkout system.

Chat App - ThreadLink ⬈ | React, Node, Express, Socket.io, MongoDB   **Feb 2024**
- Developed a real-time chat application using the MERN stack and Socket.io for seamless communication.
- Enhanced the interface using React.js to provide a smooth and intuitive experience.
- Implemented features like user authentication, private messaging, and online user visibility.
- Utilized WebSocket protocol via Socket.io to enable instant message delivery and real-time updates.

Personal Finance Tracker - CashFlow ⬈ | React, Redux, Firebase   **Dec 2023**
- Built a Personal Finance Tracker with React, Redux, and Firebase for expense management.
- Integrated Firebase Authentication for secure login and real-time data storage.
- Designed an intuitive UI with interactive budgeting and analytics.
- Enabled real-time syncing with Firebase Firestore for seamless updates.

TECHNICAL SKILLS

Languages: C/C++, Java, JavaScript, HTML, CSS, SQL
Development: React.js, Node.js, Express.js, MongoDB, Tailwind, Git, GitHub, Postman, RESTful web services
Coursework: Data Structures and Algorithms, System Design, Object Oriented Programming, Operating System, Database Management System, Computer Networks

CERTIFICATIONS

- Software Engineering: Software Design and Project Management - Coursera
- Data Analytics with Python - NPTEL
- Databases and SQL for Data Science with Python - IBM
- Introduction to Cybersecurity - Cisco
- Full Stack Web Development - Udemy