

SAKSHI BISEN

Mumbai, India

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Education

Sardar Patel Institute of Technology

Bachelor of Technology - Computer Science and Engineering; SGPA: 8.2/10

Mumbai, India

2021 – 2025

Kendriya Vidyalaya CRPF

CBSE - Class XII; 94.20%

Nagpur, India

2020 – 2021

Work Experience

Bharat Intern

Frontend Developer

Remote

June 2023 – July 2023

- Enhanced user interaction by 25% with a user-friendly interface for a movie streaming platform.
- Increased user retention by 15% through responsive UI components using HTML, CSS, and JavaScript.
- Reduced page load time by 20% through effective frontend solutions.

Projects

Tomato - Food Ordering App — ReactJS, NodeJS, ExpressJS, MongoDB, Stripe

May 2024 – June 2024

- Developed a food ordering platform to streamline the process for users and restaurants.
- Implemented secure payment processing with Stripe, and integrated JWT-based user authentication and real-time updates.
- Built a responsive frontend and admin panel with dynamic shopping cart functionality.

Diabetic Retinopathy Prediction from Fundus Images — Python, TensorFlow, Keras, Flask

Sept 2023 – Dec 2023

- Achieved 92% accuracy in classifying fundus images into five severity levels of diabetic retinopathy using a CNN model.
- Developed a secure Flask web app for retinal image analysis and management with user authentication.
- Enhanced diagnosis speed and accuracy by 30% with real-time analysis and advanced preprocessing.

Spring Boot MVC - Employee Management System — Spring Boot, Thymeleaf, MySQL, RESTful APIs

Ongoing

- Developed a secure employee management system using Spring Boot and Thymeleaf, improving data management and efficiency.
- Increased data integrity by 30% with robust CRUD operations and Spring Security for user authentication.
- Streamlined workflows and system reliability with RESTful APIs and MySQL integration.

Sales Insights Dashboard using Tableau

Mar 2024 – Apr 2024

- Developed an interactive Tableau dashboard for real-time sales insights at a computer hardware company.
- Generated actionable insights for addressing key trends and enhancing strategic planning.
- Improved decision-making with advanced data analysis and visualization.

Skills

Languages: Python, JavaScript, Java, C/C++, SQL, HTML, CSS

Frameworks & Libraries: Node.js, Express.js, React.js, TensorFlow, Flask

Tools & Technologies: Git, GitHub, VsCode, Docker, Hadoop, Selenium, Appium

Cloud and Databases: MongoDB, MySQL, AWS

Relevant Coursework: Machine Learning, Software Testing, Operating Systems, Data Structures and Algorithms.

Positions of Responsibility

ACSES, S.P.I.T

Secretary

Mumbai, India

Sep 2023 – Present

- Led a team of 10 to improve coordination efficiency by 20% within the organization.
- Led the Creatives team in designing the official CSE department logo, strengthening department branding.

Enactus, S.P.I.T

Committee Member

Mumbai, India

Jan 2022 – May 2022

- Mentored over 50 underprivileged students through the Robin Hood Academy, driving educational outreach.

Achievements

Advanced to the interview stage for Software Engineer role at Google.

Secured 2nd place in CodeFest 2023, a national coding competition.