

SAKSHI BISEN

Mumbai, India

+91-7499351437 sakshi.bisen@spit.ac.in SakshiBisen GitHub: sakshi-bisen12 LeetCode: sakshibisen12

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.