

# SUKANYA BAKARE

Bengaluru, Karnataka

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## Summary

Recent Computer Science graduate with a solid academic record and a strong foundation in Java, OOP, and problem-solving. Seeking an entry-level position to leverage my skills in software development, communication, and teamwork, while contributing to innovative projects and gaining hands-on experience.

## Technical Skills

**Languages:** Java Programming, SQL, Basic Python, HTML, CSS, Basic JavaScript

**Technologies/Frameworks:** Bootstrap, Java Swings, Database Management Systems

**Databases:** MySQL, MS SQL, MongoDB

**Tools:** Version control, Git, GitHub, Visual Studio Code, Jupyter Notebook

## Experience

### Rail Wheel Factory

Aug 2023 - Oct 2023

*Intern*

*Bengaluru, India*

- Developed a Railway Complaints Portal using web development, significantly improving the complaint management process.
- Designed and implemented a multi-level user system with clearly defined roles for users and managers, streamlining user interactions and administrative tasks.
- Enabled real-time tracking of complaint statuses, enhancing operational transparency and decision-making.
- <https://github.com/Sukanya-287/Railway-Complaint-Portal>

## Projects

### Zomato Help | Web Development

- Developed a fully functional helper website for Zomato, focusing on helping new shopkeepers in setting up a new restaurant.
- Utilized web development and data science techniques to create interactive visualizations, aiding users in market analysis and strategic planning considering parameters such as location, cuisines, ratings, etc.
- Tools: MongoDB Atlas, VS Code, Jupyter Notebook, version control (Git and GitHub)
- <https://github.com/Sukanya-287/Final-Year-Project-Zomato-Help>

### IRCTC Railway Reservation | Java Swing, MySQL

- Created a Java Swing desktop app resembling IRCTC to gain insights into backend ticket booking processes.
- Utilized MySQL database for efficient user and train data management, enhancing the application's functionality and usability.
- Integrated OTP verification for enhanced security and user authentication through email.
- <https://github.com/Sukanya-287/IRCTC-Railway-reservation/tree/master>

### Car Rental System | Core Java, OOPS

- Implemented a Car Rental System using Core Java, leveraging object-oriented programming principles to manage cars, customers, and rentals.
- Applied object-oriented programming concepts such as encapsulation, inheritance, and polymorphism to design a scalable and maintainable system.
- <https://github.com/Sukanya-287/Car-Rental-system>

## Achievements

Published a research paper in IEEE, being the first to address the specific topic of restaurant feasibility for restaurant businesses.

- Title: Restaurant Feasibility Study and Behavioral-Based Restaurant Recommendation
- DOI: [10.1109/IITCEE59897.2024.10467783](https://doi.org/10.1109/IITCEE59897.2024.10467783)

## Education

### SJB Institute of Technology (VTU)

May 2024

*B.E. in Computer Science and Engineering*

*Bengaluru, Karnataka*

CGPA: 8.5/10

### Konnur PU College

2019

*Pre-university*

*Yallatti, Karnataka*

Score: 87.33%