

Sadhana Gonge

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Objective

As a passionate learner, focused on applying academic knowledge to real-world software development. This project emphasizes building user-centric, efficient applications. Aiming to enhance problem-solving skills and strengthen my career foundation.

Education

MGM's College of Engineering, Nanded <i>BTech in Computer Science</i>	2024 7.56 CGPA
Shri Shivaji Polytechnic Institute, Parbhani <i>Diploma in Computer Science</i>	2021 94.6%
Gandhi Vidyalaya Krushi Sarthi, Parbhani <i>SSC</i>	2018 82.80%

Projects

Employee Management CRUD Application [View Code](#)

- **Technology:** Node.js, Express.js, EJS, MySQL, HTML, CSS, JavaScript, Postman
- Developed a full-stack Employee CRUD application with department management using Node.js and Express.js. Enabled functionalities to add, view, edit, and delete employees and departments. Designed dynamic web pages using EJS and managed backend operations with MySQL.
- **Role:** Developed complete full-stack CRUD application with Node.js, handling both frontend and backend independently.

Book Recommendation System with Summary Generation [View Code](#)

- **Technology:** Python, Django, NLTK, NumPy, Pandas, TF-IDF, TextRank, NLP
- Developed a web application for personalized book recommendations using the TF-IDF algorithm. Integrated a PDF summary generation feature using the TextRank algorithm, enabling automatic summary creation from uploaded PDFs. Designed a user-friendly interface for easy search and summary generation.
- **Role:** Implemented the TextRank algorithm for PDF summary generation, contributed to frontend design, managed the database, and performed testing.

Emergency Ambulance Booking System [View Code](#)

- **Technology:** PHP, MySQL, JavaScript, CSS, HTML
- Designed and implemented a web platform for booking ambulances during emergencies, offering real-time availability, location-based ambulance suggestions, and instant booking confirmation. Integrated secure user authentication and database management to ensure efficiency.
- **Role:** Developed front-end features, implemented secure user authentication, managed database, and ensured smooth user interaction with the system.

Technical Skills

- **Programming Languages:** Core Java, PHP, JavaScript, PLSQL
- **Frontend:** HTML, CSS, Bootstrap
- **Backend Technologies:** Node.js
- **Database System:** MySQL
- **Development Tools:** VS Code, Eclipse IDE, Postman, GitHub, Jira
- **Other Skills:** MS Office

Certifications

- Java Full Stack Developer (Giri's Tech Hub)
- NPTEL Cloud Computing Certification