

SNEHA BANSAL

7017210793 | ✉ snehabansal481@gmail.com | in | 🌐 | </>

EDUCATION

Bharati Vidyapeeth (Deemed to be University) College of Engineering
B.Tech in Computer Engineering(agg.9.6 CGPA)

Pune, Maharashtra
August 2022 – Present

SKILLS

Languages: Java, Python, HTML, CSS, JavaScript
Frameworks: ReactJS, NextJS, Tailwind CSS, Bootstrap, Robyn
Databases: MySQL, MongoDB
Technologies: Artificial Intelligence & Machine Learning (AI/ML)
Developer Tools: Git, VS Code, postman

WORK EXPERIENCE

Software Developer Intern
Kabadi Techno

January 2025 – Present
Remote

- Developing high-performance backend APIs using the **Robyn framework**.
- Building **SignI**, a platform for user authentication, profile management, document access, **Google Drive integration**, and digital signature generation with **rMQR** codes.

Web Developer Intern
Xzect Labs Private Limited

June 2024 – August 2024
Remote

- Developed a fully responsive **Masco landing page** using HTML, CSS, Bootstrap, and JavaScript, ensuring seamless user experience across all devices.
- Built a fitness tracker chatbot with **Next.js**, integrating the **Replicate API** for user interaction, activity tracking, and personalized recommendations, with a **Node.js** backend to store user chats in MongoDB based on consent.

PROJECTS

Online Education Website | HTML, CSS, JS, MongoDB 🌐

July 2024 – August 2024

- Implemented features such as **user registration and course enrollment** to enhance the learning experience.
- Leveraged **MongoDB** to store and manage user details, including registration information and course progress.

Hotel Management System | Java, Swing, MySQL

March 2024 – April 2024

- Directed the development of the Hotel Management System, incorporating features such as **room management, booking system, and payment receipt generation**.
- Applied **JDBC** for database connectivity and executed complex queries to manage data efficiently.
- Formulated a user-friendly GUI with the **Swing library** to enhance usability for hotel staff and management.

Page Replacement Algorithm Visualization | Python, Tkinter, Matplotlib, Pygame

January 2024 – March 2024

- Developed a project to simulate and visualize various page replacement algorithms with a **Tkinter-based GUI**.
- Executed **FIFO, LRU, and Optimal algorithms**, showcasing real-time process visualizations and performance metrics with Matplotlib.
- Incorporated sound notifications for page hits and misses using **Pygame**, enhancing user interaction.

CERTIFICATIONS

Introduction to Artificial Intelligence® – Coursera 🌐

february 2025 – March 2025

Data Science For Engineer® – NPTEL 🌐

July 2024 – September 2024

Introduction to Machine Learning® – Coursera 🌐

August 2023 – September 2023

Data Structure and Algorithm Using Python® – NPTEL 🌐

July 2023 – September 2023

Google Drive Clone Using HTML and Material CSS Bootcamp-® – Microsoft 🌐

September 2022 – October 2023