

Gayatri Shinde

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🌐 LinkedIn Profile

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EDUCATION

Bachelor of Technology in Computer Science and Engineering

MBES College of Engineering, DBATU Lonere

2019-23

CGPA: 8.66

Post Graduate Diploma in Advanced Computing

CDAC Sunbeam Hinjewadi, Pune

2023-24

PROJECTS

Hospital Management System

Nov 2023 - Feb 2023

A project aimed at improving the efficiency of hospital management through digital solutions

- Engineered a full-stack hospital management system using **Spring Boot** and **ReactJS**, improving appointment efficiency by 40%
- Implemented core modules including authentication, secure CRUDs, and admin dashboards
- Applied Factory Design Pattern in backend module creation for modularity
- Connected frontend with **REST** APIs for seamless CRUD operations
- Managed a normalized relational database using **MySQL**

Human Action Recognition Using Machine Learning and CNN

Jan 2023 - April 2023

Leveraging Machine Learning for detecting human actions

- Built a multi-channel **CNN** model to improve human action detection from video data, achieving 20% better accuracy than baseline models
- Used TensorFlow, NumPy, OpenCV, and Scikit-learn for model training and evaluation
- Achieved 98% accuracy on a subset of human actions

Restaurant Recommendation App

May 2025 - Aug 2025

(Personal Project)

- Built a restaurant recommendation system using **ReactJS**, **Node.js**, **Express**, and **MongoDB**, enabling dynamic filtering and search functionality.
- Implemented filtering functionality based on cuisine and city, improving user navigation and relevance of results, reducing search time by 60%
- Designed **RESTful APIs** and implemented backend logic for over 10 restaurant categories and 5+ filter combinations
- Developed MongoDB schema to store 50+ restaurant entries, user ratings, and cuisine data for efficient querying
- Applied modular coding practices to ensure maintainability and scalability during development

EXPERIENCE

Intangles Lab Pvt. Ltd., Pune

Technical Support Engineer (Internship)

March 2025 - May 2025

- Diagnosed and resolved customer technical issues by navigating and troubleshooting the platform, ensuring minimal downtime and improved user experience
- Managed IT support tickets efficiently, prioritizing and resolving user concerns to maintain seamless system functionality
- Collaborated with team members to document recurring issues and contribute to knowledge base improvements for future support efficiency

TECHNICAL SKILLS AND INTERESTS

- **Languages:** Java, Advanced Java, Spring Boot, C/C++, Python, JavaScript, TypeScript, HTML+CSS, C#
- **Libraries:** ReactJs, NextJs
- **Web Dev Tools:** STS (Spring Tool Suite), Node.js, VS Code, Git, GitHub, Visual Studio, Docker
- **Frameworks:** Java EE, Spring, Spring MVC, Express, Flask
- **Cloud/Databases:** MongoDB, Relational Database (MySQL)
- **Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object-Oriented Programming, Database Management System, Software Engineering
- **Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability, Communication

CERTIFICATIONS/COURSES

- **Python Data Structures:** Coursera, Credential ID 99ZH2GWY84BN
- **Artificial Intelligence:** Accenture
- **Programming for Everybody (Getting Started with Python):** Coursera, Credential ID FCASPWZWFTL7
- **What is Data Science:** Coursera, Credential ID W3G9YAW4BV5P

HOBBIES

- Watching Netflix
- Playing pickleball
- Volunteering at an animal shelter
- Swimming