

Shraddha Kachhara

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[Github](#) |



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EDUCATION

- VIT Vellore

2021-2025 | Vellore, India

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.63

- St. Mary's Convent Sr. Sec. School

2006-2021 | Udaipur, India

EXPERIENCE

- NUS (NATIONAL UNIVERSITY OF SINGAPORE)

Dec 2023-Jan 2024

Internship program

Singapore

- Developed a multimodal classification system for oral diseases by integrating teeth images with patient health parameters aiming to enhance diagnostic accuracy.
- **Led** a project for dental care on **big data analytics using deep learning** and cloud deployment on **AWS** (Amazon web services), enhancing predictive **accuracy** by **20%**.
- **Designed** and **implemented** scalable data processing pipelines using Hadoop and Spark, improving efficiency by **30%**.
- **Developed** and **deployed** deep learning models on **AWS** (EC2, S3, Lambda).
- Applied advanced deep learning machine learning algorithms (**CNNs, RNNs**), enhancing predictive modeling accuracy.

- WOLKEM

Oct 2023-Nov 2023

IT intern

Udaipur, India

- **Streamlined** HR processes to enhance overall efficiency, resulting in a **20% reduction** in administrative tasks.
- Executed API integrations using Python to facilitate seamless integration using Zapier, improving data accuracy by **11%**.
- Analyzed HR data using **analytics tools** like Microsoft Excel, Google Sheets to generate actionable insights, supporting **strategic decision-making** and workforce planning.

PERSONAL PROJECTS

- Chat Application

2023

- **Developed Real-Time Chat Application:** Spearheaded the development of a real-time chat application using React.js and Firebase, enabling seamless communication among users with features such as instant messaging and user authentication.
- **Designed Intuitive User Interface (UI):** Designed and implemented an intuitive user interface with a focus on user experience, ensuring easy navigation and aesthetically pleasing design elements to enhance engagement.
- **Optimized Performance and Scalability:** Implemented optimization techniques to enhance the application's performance and scalability, ensuring smooth operation even under heavy user loads, and enabling future expansion as user base grows.
- **Collaborated in Agile Development Environment:** Actively participated in an Agile development environment, collaborating with cross-functional teams to iterate on features, address feedback, and deliver regular updates to meet project milestones effectively.

COMMUNITY AND EVENT

- VIT SPARTANS (with over 900 students):

2023

- **Events Head (Board Member):**
 - Orchestrated successful events as **Events Head** for VIT SPARTANS, implementing innovative strategies and fostering **collaboration** among team members.
- **Directed** a team to enhance student engagement.
- **Strategized** event planning and logistics.
- Secured **sponsorships** to boost resources.
- Anchored an event with over **3000** attendees.

TECHNICAL SKILLS AND INTERESTS

Languages: C++, C, Python, HTML, JavaScript, SQL, ReactJS, CSS.

Developer Tools: VS Code, Cisco Packet Tracer

Coursework: DBMS, OOPS, OS, Computer Network, DSA

Proficiencies: Artificial Intelligence, Machine Learning, Deep Learning, NLP