

Sanjana Kulkarni

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EDUCATION

2023 - present Bachelor's of Technology at **RV University** (CGPA: 8.08)
2020 - 2022 PU2 at **Deeksha PU College** (CGPA: 82)

EXPERIENCE

Research Intern - RV University June 2024 - Aug 2024

- Completed a literature survey on adversarial attacks and implemented a Carlini–Wagner (CW) attack to evaluate model robustness.

Machine Learning Intern - Aarushi Pvt Ltd. June 2025 - Aug 2025

- Developed an NLP healthcare insights system using a Python data pipeline and RAG-based SLM, ensuring ethical, privacy-compliant, and clinically relevant AI outputs.

CERTIFICATIONS

- Designing Blockchain Solutions using Amazon Managed Blockchain – Amazon Web Services (AWS)
- AWS Cloud Practitioner Essentials –Amazon Web Services (AWS)
- Artificial Intelligence Fundamentals – IBM

SKILLS

Programming Languages	Python, C++, Java
AI, ML & NLP	SLM, Deep Learning, RAG, OpenCV, Mediapipe
Cloud & Databases	AWS, Cloud Architecture, Firebase, SQL, Databases
Tools	Git, VS Code, CLI, Microsoft Excel
Soft Skills	Problem-Solving, Team Collaboration, Research, Project Management, Public Speaking, Prompting

PROJECTS

Navigation for the blind [Link to Demo](#)

- Developed a C++ project focused on creating navigation solutions for the visually impaired, leveraging assistive technology to enhance independent mobility and accessibility.

Gesture-Controlled Move Prediction System [Link to Demo](#)

- Developed an AI-powered Rock-Paper-Scissors game using Python, integrating OpenCV for real-time hand gesture recognition and Tkinter for an interactive GUI, with ML models predicting and countering user moves.

EXTRACURRICULARS

Dancing | Volleyball | Trekking | Surfing | Basketball | Badminton | Debate | Journal

AWARDS AND MENTIONS

Honorable mentions FMUN 2024, Christ University

Finalist Codecon 2024, RV University