

# Sanjana Kulkarni

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## EDUCATION

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

## EXPERIENCE

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<b>Research Intern - RV University</b>	June 2024 - Aug 2024
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- Completed a literature survey on adversarial attacks and implemented a Carlini–Wagner (CW) attack to evaluate model robustness.

<b>Machine Learning Intern - Aarushi Pvt Ltd.</b>	June 2025 - Aug 2025
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- 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

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

## SKILLS

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

## PROJECTS

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<b>Navigation for the blind</b>	<a href="#">Link to Demo</a>
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- Developed a C++ project focused on creating navigation solutions for the visually impaired, leveraging assistive technology to enhance independent mobility and accessibility.

<b>Gesture-Controlled Move Prediction System</b>	<a href="#">Link to Demo</a>
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- 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

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

## AWARDS AND MENTIONS

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<b>Honorable mentions</b>	FMUN 2024, Christ University
<b>Finalist</b>	Codecon 2024, RV University