PRAYAS CHAVDA

AI INTERN & STUDENT

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SUMMARY

Computer Science undergraduate and AI researcher specialising in Artificial Intelligence and Data Science, focused on designing intelligent systems, extracting meaningful insights from data and solving complex computational problems through advanced machine learning techniques.

PROFESSIONAL SKILLS

Problem Solving	Leadership
Team Coordination	Analytical Thinking

TECHNICAL SKILLS

Machine Learning	Deep Learning
Software Development	System Design

EDUCATION

B.Tech. in Computer Science & Engineering **June 2022 – June 2026**
Silver Oak University - Ahmedabad, Gujarat, India **CGPA: 8.96**

B.Tech. (Hons.) Computer Engineering with Specialization in AI & Data Science **November 2025 – June 2026**
Silver Oak University - Ahmedabad, Gujarat, India

PROFESSIONAL EXPERIENCE

AI/ML Intern **Jan 2026 - June 2026**
Sahana System Limited - Ahmedabad, Gujarat, India (On-site)

- Collaborating within a cross-functional team on deployment-level AI solutions, contributing end-to-end across Machine Learning and Computer Vision pipelines from model development and optimization to real-world deployment, while delivering scalable, data-driven systems using Python and modern ML frameworks.

AI/ML Intern **Nov 2024 - June 2025**
Sahana System Limited - Ahmedabad, Gujarat, India (On-site)

- Led intern teams, mentored junior interns and managed multiple projects while coordinating tasks and timelines.
- Worked on live projects across Machine Learning, Deep Learning, NLP and Computer Vision, with a major focus on Computer Vision.
- Contributed to model development, training, evaluation and deployment using real-world data.
- Delivered practical AI-driven solutions using Python, TensorFlow, Keras, OpenCV, NumPy and Pandas.

Data Manager **June 2024 – August 2024**
Sahana System Limited - Ahmedabad, Gujarat, India (On-site)

- Contributed to ongoing AI projects while supporting the team across technical and operational functions.
- Participated in structured training sessions and workshops, gaining hands-on exposure to real-world workflows.
- Worked with Java, Python, C and Business Data Management tools.

RESEARCH

ICVADV 2026 (Tirunelveli, India) **24–26 February 2026**

- Co-authored and presented the research paper titled "**A Validated 4D Clinical–Computational Taxonomy and Translation Framework for GAN-Based MRI Super-Resolution**" at the Second International Conference on Visual Analytics and Data Visualization (ICVADV 2026), held at Francis Xavier Engineering College, Tirunelveli, Tamil Nadu, India. The work, which was formally accepted and successfully presented, contributes a structured clinical–computational framework for enhancing GAN-based MRI super-resolution, bridging the gap between deep learning methodologies and real-world medical imaging applications.

IEEE SMILEs 2026 (Irbid, Jordan) **30–31 March 2026**

- Co-authored and selected to present the research paper titled "**A Validated 4D Clinical–Computational Taxonomy and Translation Framework for GAN-Based MRI Super-Resolution**" at the International Conference on Smart Multidomain Integrated Learning Environments (IEEE SMILEs 2026), held at Jadara University, Irbid, Jordan.

- The work introduces a validated 4D clinical–computational taxonomy and translation framework, contributing to the advancement of GAN-based MRI super-resolution by aligning deep learning methodologies with clinically relevant imaging workflows, thereby strengthening translational applicability in medical AI.

RMKMATE'26 (Chennai, India) 15–16 April 2026

- Co-authored and selected to present the research paper titled "**Hierarchical Privacy-Preserving Federated Intrusion Detection for 6G Edge Networks**" at RMKMATE'26, held in Chennai, India.
- The work introduces a hierarchical federated learning-based intrusion detection framework for 6G edge networks, enabling privacy-preserving and scalable threat detection across distributed environments.

COMMUNITY WORK

Executive Chair | Senior Research Executive | Senior Creative Media Executive
January 2026 - Present

Silver Oak University IEEE SB - Ahmedabad, Gujarat, India

- **Executive Chair:** Delivering senior leadership and strategic counsel to facilitate effective decision-making and strengthen the long-term vision of IEEE SOU SB through the Executive Committee 2026.
- **Senior Research Executive:** Strengthening the research ecosystem by mentoring students in structured academic practices and research-oriented writing aligned with IEEE initiatives.
- **Senior Creative Media Executive:** Providing mentorship and guidance to the team in creative direction, content writing, documentation and social media management; ensuring timely, engaging delivery of social media content, press notes and publications.

Mentor
September 2025 - Present

Google Developer Groups on campus Silver Oak University

- Acting as a mentor to empower students through technical guidance, peer learning and hands-on exposure to real-world development and AI concepts.

Member
January 2025 - Present

AWS Cloud Club at Silver Oak University

- An active member, contributing to technical initiatives and community-driven efforts to advance cloud computing proficiency.

Chairperson of Content Committee
January 2025 - December 2025

Silver Oak University IEEE SB - Ahmedabad, Gujarat, India

- Delivered senior leadership and strategic counsel to facilitate effective decision-making and strengthen the long-term vision of IEEE SOU SB.

Creative & Technical Head
July 2023 - September 2023

TEDx Silver Oak University

- Curated visual narratives for the TEDx event, creating promotional materials and stage design elements.
- Translated ideas into impactful designs that encapsulated the spirit of TEDx.

CERTIFICATIONS

AI+ Developer (AI CERTs)

Sahana System Limited - Ahmedabad, Gujarat, India (On-site)

Issued: February 2025

Credential ID: 70d21554a289