

# Chaitanya Srikanth

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## WORK EXPERIENCE

**Associate AI Engineer** | Techolution

June 2024 - July 2025

- Currently working as an **AI Engineer** specializing in Computer Vision applications.

## INTERNSHIPS

**AI Intern** | Techolution

Nov 2023 - May 2024

- Worked as an **AI Intern** at Techolution specializing in Computer Vision applications.

**Tech AI Intern** | StylePick

Sep 2023 - Oct 2023

- Worked as an **AI intern** at a bootstrapped and a stealth mode startup (Computer Vision Research).

## EDUCATION

**B.Tech in Artificial Intelligence**

2020 - 2024

Mahindra University, Hyderabad

GPA: 8.33

**Intermediate Education**

2017 - 2019

FIITJEE Junior College, Hyderabad

Percentage: 77.1

**High School Education**

2012 - 2017

Lawrence School, Ootacamund

CGPA: 8.6

## PROJECTS

**Smart Rack Inventory System** | Techolution

Mar 2025 - Jul 2025

- Smart Rack Inventory System which can **automatically detect medical items from the rack based on human interaction** with the product and update the client inventory accordingly using **Computer Vision** Models.

**AI Powered Scanning Station** | Techolution

Aug 2024 - Apr 2025

- Development of an **AI-powered rapid scanning station** for medical products, currently implemented in hospital operating rooms, enhancing the efficiency of hospital inventory management systems.
- Designed and implemented comprehensive **data analytics** solutions for real-time inventory tracking, enabling **data-driven decision-making** and optimizing resource allocation in hospital operations.

**Product Onboarding** | Techolution

Nov 2023 - Jul 2024

- Creation of Product Onboarding Platform where **Computer Vision** models can learn about a new product instantaneously for **real time computer vision based applications**.
- Creation of **APIs and Backend architecture** for **video streaming pipelines from the edge to cloud**.

**Internship Project** | StylePick

Sep 2023 - Oct 2023

- Working on a Computer Vision R&D for a Virtual Tryon clothing project using VITON-HD and integration of other research papers to create an end-to-end product.

**3D Human Body Measurements** | Mahindra University

Apr 2023 - Mar 2024

- During my undergraduation, I led the development of an **advanced algorithm that can detect and measure different human body parts, such as girths and circumferences**.

**NVIDIA ICETCI Hackathon** | Mahindra University

Aug 2023 - Sep 2023

- Ensemble of chatbots for NVIDIA Software Developer Kits and Developer Forums.
- LLMs : Falcon 7B, Gorilla**

**Visualizing tool for analyzing students grades** | Mahindra University

Apr 2023 - May 2023

- Developed and built a prototype for a **Flask-based** website, resembling a comprehensive student portal, enabling seamless access for students to view their marks, while offering faculty members a dedicated portal to efficiently upload marks and gain valuable insights through **grade analytics**.

## RESEARCH PAPERS

**Automation of Human Body measurements using 2D images** | *5th International Conference on Frontiers in Computing and Systems (COMSYS-2024)*

- Paper ID: 66
- This paper introduces a novel approach on calculating anthropometric measurements of human body using 2D images, 3D meshes and customized algorithms.

**LLMs for NVIDIA SDKs** | *2023 International Conference on Emerging Techniques in Computational Intelligence (ICETCI)*

- ICETCI Paper ID: 1570966790
- This paper introduces an **AI-driven language model** designed to facilitate users by using NVIDIA SDKs (Software Development Kits and toolkits) The author collected data and preprocessed using tools available on NVIDIA and trained **LLMs** on custom data.

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**SKILLS**

**Coding** | *C, Python, HTML, Data Structures and Algorithms, Multi Threading*

**Databases** | *SQL, Firebase, MongoDB*

**Machine Learning** | *Deep Learning, Tensorflow, Pytorch, Computer Vision, Natural Language Processing*

**Development** | *FastAPI, WebSockets, Google Cloud Compute, Docker, Flask, Kubernetes*

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**CERTIFICATIONS**

**Professional Machine Learning Engineer Certification** | *Google Cloud*

Jan 2025 - Jan 2027

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**PARTICIPATIONS**

**NVIDIA ICETCI Hackathon** |

Aug 2023 - Sep 2023

- As a part of this hackathon, we trained state of the art **LLMs** for a **chatbot** on custom **data scraped** from NVIDIA SDKs and developer forums like StackOverflow.

**Amazon ML Challenge** | *Team Rank 110*

Apr 2023

- Worked on a dataset with textual data to predict the dimensions of a product from the title.

**MindGraph Hackathon** |

Aug 2023 - Sep 2023

- (Deduplication of Data) **Preprocessing** of multiple datasets by mapping and structuring it into a single JSON format

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**AWARDS AND ACHIEVEMENTS**

**NVIDIA ICETCI Hackathon** |

Aug 2023 - Sep 2023

Our team secured **3rd place in the NVIDIA ICETCI Hackathon 2023**.

**Merit Award** | *Mahindra University*

2021 - 2023

Awarded a sum of Rs.1 Lakh for **academic excellence** for two consecutive academic years 2021-2023.