

SATHVIK MURARISHETTY

COMPUTER SCIENCE ENGINEERING

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EDUCATION

Bachelor of Technology - CSE 2021 - 2025
Manipal Institute of Technology Bengaluru (CGPA - 8.7)

PROFESSIONAL EXPERIENCE

Data Science Intern, Arya.ai Jan 2025 - April 2025

- Worked with Machine Learning models and the FastAPI framework to design and deploy scalable, high-performance applications.
- Contributed to building and optimizing data-driven solutions, ensuring seamless integration and improved system performance.

Machine Learning Intern, DRDO Jun 2024 - Jul 2024

- Developed and integrated Large Language Models (LLMs) within ROS nodes to enhance robotic functionalities.
- Implemented communication protocols for seamless interaction between LLMs and ROS nodes.

IT Intern, Dream Ambassadors Nov 2023 - Dec 2023

- Worked closely with the IT team to address and resolve technical challenges, providing technical assistance and support for various projects.

IT & Design Intern, VONG March 2023 - April 2023

- Assisted in website upkeep, collaborating with the web development team, and created visually appealing graphics using Adobe Creative Suite and other design tools.

PROJECTS

Integration of LLMs with ROS for Enhanced Robotic Functionality
Using Python

MLTradingBot – Machine Learning for Stock Trading
Using Python

Laundry Service Database Management
Using HTML, CSS and MySQL

College Prediction Android App
Using Kotlin and Machine Learning

Archetype-Based Learning Game Suite Website
Using Next.js, TypeScript

SKILLS

Programming Languages: Python, C, Java, Kotlin, GoLang, Next.js, Node.js

Tools and Technologies: Git, Azure, Databricks, Linux, ROS, Docker, Machine Learning, Database

ADDITIONAL INFORMATION

- **Certifications:** Microsoft Certified: Azure Data Scientist Associate, SQL for Data Science, Machine Learning A-Z
- **Leadership Positions:** President - Autonomous Robotics Club, Programming Team Lead - Autonomous Robotics Club, Head of Human Resources - Fest