# KANTIPUDI SAI SRI ROHITH

9346589820 ⋄ ✉ saikantipudi1968@gmail.com ⋄ in rohith-kantipudi ⋄ ◯ Rohith

## PROFILE

Computer Science Engineering graduate with a passion for solving challenging problems and leveraging cutting-edge technology. Enthusiastic about collaborating on innovative projects, learning from industry experts, and contributing to impactful solutions in a fast-paced environment.

## EDUCATION

**Bachelor of Technology in Computer Science and Engineering** 2021 – Present
Amrita Vishwa Vidyapeetham, Coimbatore, TamilNadu - CGPA: 8.28

**Higher Secondary Education** 2019 – 2021
Tirumala Junior College, Rajahmundry, A.P - Percentage: 97.5%

**Secondary School Education** 2018 – 2019
Tirumala High School, Rajahmundry, A.P - CGPA: 10.0

## INTERNSHIP

**Product Development Intern, Farm to Plate** Dec 2024 – Present
- Currently working on developing and maintaining a seamless end-to-end product system, integrating producers, shipping logistics, and consumer engagement.
- Engineering scalable backend solutions to optimize database operations and enhance system performance.
- Designing and implementing an AI-driven chatbot to automate customer inquiries and provide real-time support.
- Collaborating in an agile environment to deliver features that align with evolving user requirements.

## PROJECTS

**AgroVision: AI-Based Crop Disease Detection with Thermal Imaging and LLMs** ◯ Aug 2024 – Present
Frequent crop failures due to delayed disease detection lead to significant agricultural losses. This project leverages thermal imaging and deep learning to identify diseases early, ensuring timely intervention. Integrating LLMs provide actionable insights, empowering farmers with data-driven decisions.

**LearnFlow: Scalable Learning Platform** ◯ Jan 2024 – Aug 2024
Traditional educational platforms lack interactivity and scalability, hindering collaborative learning. LearnFlow is a robust, scalable platform with role-based access, threaded discussions, and interactive content delivery. It enhances user engagement and fosters a dynamic learning experience.

**Sales Prediction System** ◯ Feb 2024 – July 2024
Developed a machine learning-powered system to predict sales trends and enhance agricultural decision-making. Integrated real-time data, weather APIs, and disease detection tools to provide actionable insights. Designed intuitive Power BI dashboards for businesses and farmers to optimize inventory, productivity, and strategic planning.

**Searchify: DSA Search Engine** ◯ Jan 2024 – Aug 2024
Finding relevant DSA problems quickly can be difficult for learners. Searchify, powered by TF-IDF and BM25 algorithms, offers an efficient search engine tailored for DSA topics. It streamlines access to curated problems, improving learning outcomes.

**FarmTech App: Smart Agricultural System** ◯ Aug 2023 – Feb 2024
Farmers often face inefficiencies due to a lack of real-time data and automated solutions. FarmTech App integrates IoT and machine learning, offering real-time guidance and automated resource management. It empowers farmers with smarter agricultural practices.

## AREAS OF INTEREST

Machine Learning, Data Science, Networking, Data Structures, Cloud Computing, SDLC

## SKILLS

| | | | |
|---|---|---|---|
| **Programming** | Python, Java, SQL | **ML** | Scikit-learn, TensorFlow, OpenCV |
| **Software** | OOPs, Agile, DS | **Networking** | Networking Concepts, Big Data |
| **Database** | MySQL, MongoDB | **Data Science** | Exploratory Data Analysis, Visualization |
| **Soft Skills** | Collaboration, Adaptability | **Development** | Spring Boot, Angular, Flutter, REST APIs, Node.js |

## COMMUNITY OUTREACH PROGRAM

Organized career guidance sessions for high school students at Green Ed Campus, Hyderabad (Aug 2023). Led a tree planting drive, contributing 200 trees to environmental conservation.