

Panuganti Sasank Satya Pavan Sai

 Github /  LinkedIn /  Portfolio Site /  sasankpanuganti40672@gmail.com /  8143124979

SUMMARY

A versatile tech professional proficient in Java, React Native, machine learning, and web development. I possess a solid understanding of cloud computing principles and backend development, and I am experienced in building cross-platform mobile applications with intuitive user interfaces. My passion lies in leveraging technology—especially Java-based and mobile-first solutions—to create innovative, user-friendly applications and enhance user experiences. I am a quick learner, highly adaptable, and thrive in collaborative environments. Eager to grow as a full-stack and mobile developer while contributing to impactful, scalable software systems.

WORK EXPERIENCE

Student Ambassador - Lets Upgrade Jun 2024 - Jun 2024
Developed proficiency in API testing and documentation using Postman. Implemented JavaScript code for interactive front-end development. Served as a Student Ambassador for Let's Upgrade, fostering a collaborative learning environment within the community.

Machine Learning Engineer - Prodigy Infotech Jun 2024 - Jun 2024
Utilized machine learning concepts, including regression, k-means clustering, CNNs, and SVMs, to develop and enhance predictive models during a machine learning internship at Prodigy Infotech.

PROJECTS

Farm Bot [Link to Demo](#)
Developed an NLP-powered chatbot website for farmers, leveraging a specialized training dataset. The chatbot provides real-time guidance on crop management, pest control, and market trends. This project improved farmer efficiency and decision-making, leading to increased yields and profitability.

Fitness-Trainer [Link to Demo](#)
Developed a machine learning-powered fitness trainer that analyzes workout data to provide real-time feedback on exercise accuracy and personalized workout plans. The system optimizes user performance by ensuring correct form and tailoring routines for individual fitness goals.

EDUCATION

Artificial Intelligence And Machine Learning at Kalasalingam University - Sep 2022 - Jul 2026
(GPA: 9.07)

Intermediate at NRI JR Kalasala - Aug 2020 - Jul 2022 (Percentage: 93.1)

School Secondary Education at Nehru Niketan E.M High School - Jun 2019 - Mar 2020 (GPA: 9.0)

SKILLS

Programming Languages: Python, JavaScript, Java

Web & Mobile Development: HTML, CSS, JavaScript, Bootstrap, Node.js, Express.js, EJS, React Native

Backend & Cloud: Firebase (Firestore & Authentication), REST APIs

Machine Learning: Scikit-learn, Regression, Decision Trees, SVM, Neural Networks

Tools & Platforms: GitHub, Postman, VS Code

Soft Skills: Presentation skills, Public speaking, Team collaboration, Fast learner