

SAI NIKITH KALERU

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EXPERIENCE

AI Developer Intern

VISWAM.AI — Summer of AI 2025 | Hybrid (In-Person & Remote) | **June 2025**

- Built AI models and applications (Corpus app clone) using **Python and Collaborative Software development**.
- Contributed to open-source projects under **IIIT Hyderabad, Meta, TASK, and HYSEA**.
- Gained hands-on experience in AI model fine-tuning and deployment.

AI Intern

TechSaksham Program | AICTE, Microsoft & SAP CSR Initiative | Remote (Online) | **Feb 2025**

- Completed a 4-week project-based internship on **AI technologies** with mentorship from industry experts.
- Developed a real-world AI project from problem statement to prototype.
- Participated in **technical sessions, project mentoring**, and presented solutions to industry panels.
- Earned certifications from **Microsoft, SAP, AICTE, and Edunet Foundation**.

EDUCATION

JNTU University, ACE Engineering College (ACEG), Hyderabad

2022-2026

Bachelor of Technology in Computer Science and Engineering (Data Science)

CGPA: 9.49 / 10.0

Sri Nagarjuna Junior College, Hyderabad

2020-2022

Intermediate – MPC

Percentage: 98.3%

Nagarjuna Talent School, Hyderabad

2019-2020

SSC

CGPA: 10.0 / 10.0

TECHNICAL SKILLS

Languages: Python, Java, C, R, Flutter(Dart).

Web Development: HTML, CSS, JavaScript, Streamlit, Full Stack.

Tools: Git, Power BI, Tableau, SQL.

Frameworks: NumPy, Pandas.

Foundations: Data Structures & Algorithms, Data Science, Networking, OS Fundamentals, SDLC.

PROJECTS

- **AI-Powered Medical Diagnosis System**
Python, ANN, Logistic Regression, Streamlit | July 2025–Present
Developed a two-phase intelligent diagnostic system to enhance medical predictions using different data modalities:
Phase 1: Implemented a lung cancer detection model using Artificial Neural Networks (ANN) trained on CT scan imaging data, achieving 87% accuracy in identifying early-stage cancer risks.
Phase 2: Evolved the system into a generalised disease prediction tool using Logistic Regression on structured Electronic Health Records (EHR). Integrated a Streamlit-based interface for real-time input and output visualisation, improving accuracy to 93% and significantly enhancing model interpretability and usability across multiple conditions.
- **Home Planet at Our Fingertips (NASA Space Apps Submission)**
Python, GeoJSON, Satellite APIs | October 2024–Present
Created a satellite data visualisation platform to monitor Earth’s environmental patterns in real-time. Integrated open NASA datasets for live geospatial analytics and developed interactive dashboards for climate change insights.
- **ACE Tech’s – Build Your Future, Code Your Path**
Frontend Developer | HTML, CSS, Bootstrap, JavaScript | January 2024–Present
Designed and developed a fully responsive and modular website, “ACE Tech’s”, a career development platform aimed at shaping aspiring engineers into employable professionals.
Utilised the Bootstrap grid system for seamless responsiveness across. Enhanced UX through interactive UI components, clean navigation, and engaging CSS animations. Applied semantic HTML5 and JavaScript interactivity for a modern, user-friendly interface.
- **PassForge – Secure Password Generator**
Frontend Developer | HTML, CSS, Vanilla JavaScript | April 2023 – Present
Developed a responsive and lightweight web app to generate secure, customizable passwords instantly. Implemented one-click clipboard copy, instant generation, and real-time visual feedback.

CODING PROFILES & ACHIEVEMENTS

- **HackerRank** : sai_nikith07 | 5★ coder
- **CodeChef** : sai_nikith07 | 275+ day streak | Max-Rating: 1556
- **LeetCode** : sainikith07 | 175+ day streak
- **SmartInterviews** : sai_nikith07 | Global Rank: 2600

PUBLICATION

“AI-Powered Medical Diagnosis System Using Machine Learning Techniques”, IJRPR, Volume 6, Issue 6, Paper ID: **IJRPR_134197-2**, June 2025.

CERTIFICATIONS

- **Certified Smart Coder** - Received a gold certificate in Mastering Data Structures and Algorithms from "SMART INTERVIEWS.CO" with a global rank of 2900.
- **CISCO** - Python Essentials-1&2, Introduction to Cyber Security, Networking basics, and intermediate.
- **TCS ION CAREER EDGE PROFESSIONAL** - Communication skills | Presentation skills | Soft skills | GD skills.
- **Career Essentials in Generative AI by Microsoft and LinkedIn** - Computer Ethics, AI, Generative AI.
- **IBM professional excellence** - Data Science with Python.
- **Simplilearn | SkillUp** - Power BI.