

Saketh Lingerker

B.Tech CSE (2021-25)

Computer Science Engineering

JNTUH University College of Engineering, Manthani

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. CSE	JNTUH University College of Engineering, Manthani	7.47	2021-25
Senior Secondary	TSBIE Board	94.4%	2019-21
Secondary	SSC Board	9.5	2019

EXPERIENCE

International Institute of Information Technology, Hyderabad (IIIT-H)

Nov. 2024 - June. 2025

Research Intern – Artificial Intelligence and Machine Learning

- Engineered Voice Activity Detection (VAD) modules in Python to enhance AI-driven video summarization systems.
- Collaborated with research team to integrate VAD outputs into multi-modal AI models and evaluation pipelines.
- Gained expertise in transformer architectures through technical discussions and code reviews.

TECHNICAL SKILLS

- Programming:** Python, C, SQL
- Development:** HTML, CSS, JavaScript, Flask, Streamlit, REST API
- Databases:** MySQL, MongoDB(familiar)
- CS Subjects:** Data structures and Algorithms, OOPs concepts, Operating system
- AI/ML:** Familiar with Tensorflow, Machine Learning, Deep Learning (CNN), Generative AI, and concepts

PROJECTS

Smart Feedback Collection and Analysis System

Oct 2025 – Dec 2025

Github

Full Stack Sentiment Analysis

- Built a real-time sentiment analysis platform enabling businesses to monitor customer feedback instantly.
- Helped reduce manual feedback processing time by **60%** for faster response cycles.
- Made using: Python, Flask, JavaScript, SQLite, Hugging Face

ATS Resume Expert Pro

Jan 2025 - Feb 2025

Github

Resume Evaluation System

- Developed an AI-powered resume analysis system that provides actionable optimization suggestions in real time.
- Improved resume evaluation efficiency by **40%**, making screening faster for job seekers.
- Made using: Python, Streamlit, Google Gemini AI

AI-Powered Crop Forecasting System

Oct 2024 - Dec 2024

Github

Deep Learning Project

- Created a deep learning model that predicts crop yield from agricultural parameters to support planning decisions.
- Achieved **98% accuracy** and served over **100+ farmers** with real-time recommendations.
- Made using: Python, Neural Networks, Flask

ClearView – Interactive Air Quality Insights

Sep 2024 - Nov 2024

Github

Data Visualization

- Built an interactive dashboard that visualizes live air quality levels and pollution patterns.
- Delivered **95% accurate data** and reduced manual reporting time by **50%** for environmental planning.
- Made using: Python, Power BI, Streamlit

POSITIONS OF RESPONSIBILITY

Coding Club Mentor – JNTUH College of Engineering, Manthani

2023 - 2024

Technical & Main Coordinator – College Fest

2024 - 2025

CERTIFICATES

IIIT-Hyderabad – AI/ML Training cum Research Internship Program

2024

AWS Cloud Practitioner – Amazon Web Services

2024