

# SAKETH LINGERKER

## Software Engineer – Fresher

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### Summary

Entry-level Software Engineer with hands-on experience in Python, SQL, and applied AI/ML projects. Strong in problem-solving, coding fundamentals, and building practical solutions. Quick learner with experience working in collaborative technical teams.

### Technical Skills

**Programming Languages:** Python, C, SQL

**Development:** HTML, CSS, JavaScript, Flask, Streamlit

**Databases:** MySQL, MongoDB (Basic)

**Tools & DevOps:** Git, Docker, GitHub Actions (CI/CD)

**AI / ML (Applied):** TensorFlow (Basic), Machine Learning, Deep Learning (CNN), Generative AI Concepts

**Soft Skills:** Problem Solving, Team Collaboration, Leadership, Technical Communication

### Experience

**Research Intern — Artificial Intelligence and Machine Learning** Nov 2024 – June 2025

*International Institute of Information Technology (IIIT) Hyderabad* Hyderabad

- Enhanced AI-driven video summarization performance by optimizing Voice Activity Detection (VAD) modules in Python, improving audio inference accuracy by 20%.
- Integrated VAD into a multi-modal AI pipeline using structured SDLC workflows, collaborating in a 5-member global team and improving system reliability by 30%.

### Projects

**Smart Feedback Collection & Analysis System** | *Python, Flask, SQLite, Hugging Face* Sep 2025 – Nov 2025

- Built a real-time sentiment analysis platform enabling instant customer feedback monitoring with 95% classification accuracy.
- Performed rigorous debugging and error handling to ensure smooth performance and reliable sentiment analysis results.
- Achieved 60% reduction in manual processing time by automating analysis for 500+ monthly submissions.

**ATS Resume Expert Pro** | *Python, Streamlit, Gemini AI* Jan 2025 – Feb 2025

- Developed an AI-powered resume evaluation system with real-time scoring and personalized suggestions.
- Improved resume evaluation efficiency by 40% through automated parsing and feedback pipeline optimization.
- Applied software engineering best practices to create a stable, user-friendly tool for real-time resume analysis.

**ClearView - Interactive Air Quality Insights** | *Python, Streamlit, Power BI* Sep 2024 – Nov 2024

- Architected a data visualization dashboard, applying efficient data structures for handling 100+ Indian cities.
- Delivered 95% accurate real-time pollution analysis, showcasing strong analytical and problem-solving capabilities.

### Positions of Responsibility

- **Coding Club Mentor** — JNTUH College of Engineering, Manthani (2023 - 2024)
- **Technical & Main Coordinator** — College Fest (2024 - 2025): Led a team of 15 members managing technical infrastructure for 400+ participants.

### Certifications

- IIIT-Hyderabad — AI/ML Training cum Research Internship Program (2024)
- Tata Group — Data Analytics Simulation(2025)

### Education

**B.Tech — Computer Science & Engineering**

*JNTUH University College of Engineering, Manthani*

**2021 – 2025**

*CGPA: 7.47 / 10.0 (First Class)*