Lahiri Nallapati

GitHub: github.com/Lahiri9100
LinkedIn: linkedin.com/in/lahirinallapati
Email: lahiri9158@gmail.com
Mobile: +91-9100672958

SUMMARY

Computer Science undergraduate specializing in backend development and AI-based applications. Proficient in Python, Django REST Framework, data structures, and system design fundamentals, with practical experience in building scalable APIs, intrusion detection systems, and NLP tools. Seeking software engineering or AI internships to apply problem-solving skills in production-level environments.

EDUCATION

GOKARAJU LAILAVATHI ENGINEERING COLLEGE   Hyderabad, India
Bachelor of Engineering – Computer Science Engineering; GPA: 9.06   Aug 2023 – Aug 2027
Courses: Object-Oriented Programming, Data Structures and Algorithms, Operating Systems, Computer Organization, Database Management Systems

SRI CHAITANYA JUNIOR KALASALA   India
MPC – Mathematics, Physics, Chemistry; Percentage: 97.3   Mar 2021 – Mar 2023
Courses: Linear Algebra, Calculus, Probability and Statistics

SKILLS SUMMARY

Languages:	C, C++, Python, Java, SQL, HTML, CSS
Frameworks:	Django, Streamlit, Tkinter, OpenCV, MediaPipe, NLTK
Libraries:	NumPy, Pandas
Tools:	Git, GitHub, VS Code, IntelliJ IDEA, PyCharm
Soft Skills:	Adaptability, Problem Solving, Team Collaboration, Active Listening, Continuous Learning

PROJECTS

Prompt to Course — *Python, Django REST Framework, React, APIs*   2025
- Engineered a prompt-driven platform that converts natural language input into structured, topic-wise learning courses
- Designed and implemented scalable RESTful backend services using Django REST Framework
- Built modular course decomposition logic to support extensibility and reusable learning paths
- Optimized backend architecture for performance, maintainability, and real-world edtech scalability

SmartShield – AI-Based Intrusion Detection System — *Python, Streamlit*   2025
- Developed an AI-based anomaly detection pipeline to identify abnormal patterns in system and network logs
- Applied behavioral analysis techniques to distinguish normal activity from potential security threats
- Built an interactive Streamlit dashboard to visualize anomalies and demonstrate system effectiveness

Gmail Manager AI Prototype — *Python, Streamlit, NLP*   2024
- Developed an AI-powered email management system for automated summarization and categorization
- Implemented NLP pipelines to extract intent, deadlines, and priority from unstructured email content
- Designed the system as a privacy-focused prototype without real account integration

Virtual Mouse — *Python, OpenCV, MediaPipe*   2024
- Implemented real-time hand gesture recognition using computer vision and landmark detection
- Translated detected hand landmarks into precise cursor movement and click actions
- Demonstrated applications in accessibility-focused and touch-free human–computer interaction

CERTIFICATIONS

- **Certifications (C++, ML, Python)** — Credential Folder

CODING PROFILE

LeetCode/ Lahiri-Nallapati	CodeChef/ Lahiri-Nallapati	GitHub/ Lahiri9100