KOLAPALLI ADITYA SAI

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PROFILE SUMMARY

Results-driven Computer Science graduate specializing in Artificial Intelligence, Machine Learning, and Cybersecurity, with hands-on experience in developing intelligent systems, secure infrastructures, and robotic automation. Skilled in Python, deep learning frameworks, and cloud-based tools, with a strong foundation built through impactful projects and industry-relevant internships. Eager to contribute technical expertise and problem-solving abilities to innovative tech-driven teams.

EDUCATION

B.Tech in Computer Science and Engineering (AI & ML), Joginpally B R Engineering College — Jul 2025
Hyderabad, India — CGPA: 7.8

Intermediate (MPC), Toppers Junior College — 2020
Hyderabad, India — Percentage: 93.6%

Xth Standard, St. Martin's High School — 2019
Hyderabad, India — Percentage: 83.3%

SKILLS

Programming	Python, Java (OOP), C, SQL, GCC, GDB, Linux
AI/ML & Automation	Scikit-learn, Pandas, NumPy, PyTorch, CNN, LSTM, EDA, Matplotlib, Seaborn, LangChain, LangFlow, Streamlit, N8N
Cybersecurity	Ethical Hacking, AWS KMS, Data Encryption
Robotics	Arduino, ROS
Tools	Google Colab, IBM Watson, Chatfuel, Azure Cognitive Services

EXPERIENCE

Artificial Intelligence Job Simulation Intern — Jun 2024
Cognizant (via Forage) — Remote

- Performed EDA on client data using Python in Google Colab.
- Built and evaluated a machine learning model and presented findings in a PowerPoint report.

Content Moderator cum Data Research Analyst — Nov 2024 – Dec 2024
Concentrix (Avalon Project) via Ixora Global Services — Hyderabad

- Annotated and classified multimedia content for ML model training on the Avalon project.

PROJECTS

Phishing URL Detection Using Machine Learning. Implemented Random Forest, KNN, Logistic Regression, and Naive Bayes to detect phishing URLs with up to 96.9% accuracy. Features included domain length, HTTPS, URL patterns, etc.

A Hybrid Fuzzy Logic-Based Deep Learning Approach for Fake Review Detection. Developed a Flask-based web system to analyze Amazon food reviews using CNN for sentiment and LSTM for authenticity with fuzzy logic integration. Achieved high accuracy in real-time detection. **Published in European Advanced Journal for Emerging Technologies.**

IRIS Classification Model. Used decision trees and logistic regression to classify iris species based on features.

House Price Prediction. Regression model using housing feature data for price estimation.

Lead Gen Chatbot. Created chatbot using Chatfuel for lead collection and automated interaction.