

GUDURI SONIKA

☎ +91-9515753887 ✉ gudurisonika6763@gmail.com 🌐 <https://www.linkedin.com/in/sonika07/>

Objective

Enthusiastic AI/ML fresher with hands-on skills in Python, Machine Learning, Deep Learning, NLP, Computer Vision, and Generative AI. Seeking an opportunity to apply technical knowledge, contribute to AI/ML projects, and grow as an AI professional.

Education

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| Swarnandhra College of Engineering and Technology | Narsapur |
| Bachelor of Engineering- Electronics and Communication Engineering | 2020-2024 |
| 7.59 | |

Internships

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| Programming Essentials in Python by Cisco Networking Academy | May 2021-july 2021 |
| Data Analytics Virtual Internship by AWS Academy | Dec 2022-Feb 2023 |

Projects

Smart Parking System

- Technologies Used: NodeMCU, IR Sensors, Servo Motor, I2C Display.
- Built an IoT-based system to detect and display real-time parking slot availability with automated gate control for improved parking efficiency.

Global AI Job Market & Salary Trends 2025 – EDA Project

- Tools Used: Python, Pandas, Seaborn, Matplotlib, Jupyter Notebook.
- Explored 15K+ AI job postings to analyze global salary trends, job roles, experience levels, and top skills after outlier removal.

Fraud Detection System using Machine Learning

- Technologies Used: Python, Pandas, Scikit-learn, NumPy, Matplotlib, Seaborn.
- Developed a machine learning model to detect fraudulent transactions using classification algorithms and data analysis techniques.

Technical Skills

Programming & Databases: Python, SQL
Data Analysis & Visualization: Statistics, NumPy, Pandas, EDA, Matplotlib, Seaborn, Power BI
Machine Learning: Classification, Regression, Clustering, Recommendation Systems, Association Rules, Model Evaluation
Deep Learning: ANN, CNN, RNN, Time Series
NLP : Text Preprocessing, TF-IDF, Word Embeddings
Computer Vision: OpenCV, Image Processing, Object Detection, Image Classification
Generative AI: LLMs, RAG, Prompt Engineering, GenAI Concepts, LLM Fine-tuning
Tools & Platforms: Jupyter Notebook, Google Colab

Certifications

Data Analytics Essentials
CISCO Networking Academy — Issued: December 16, 2024

Python 101 for Data Science
Issued by CognitiveClass.ai | Powered by IBM Developer Skills Network

Skills

Problem-Solving Ability
Logical and Analytical Thinking
Team Collaboration and Presentation Skills
Adaptability