KOTIGARI SANDEEP

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SUMMARY

AI & ML Engineer with expertise in Python, Machine Learning, Deep Learning, and Data Analysis. Skilled in TensorFlow, Scikit-learn, NumPy, and Pandas. Experienced in building end-to-end AI solutions, chatbots, and predictive analytics with strong problem-solving skills.

EDUCATION

KG Reddy College of Engineering & Technology   2022 – 2026
B.Tech in Computer Science and Engineering (AI & ML)   (CGPA: 8.20)

Geeta Bhopal Reddy College   2020 – 2022
Intermediate Education   (93%)

EXPERIENCE

Machine Learning Intern   July 2025 - Sept 2025
1Stop.ai (via AICTE Virtual Internship Program), Remote
– Worked on end-to-end ML lifecycle: data collection, preprocessing, training, and evaluation.
– Built and optimized ML/DL models using Python for real-world datasets.
– Applied feature engineering and model tuning to improve performance.

Project Mentor   Jan 2025 - May 2025
Generative AI Product Design 2.0, KG Reddy College of Engineering & Technology
– Mentored students in AI-driven product design with ML, chatbots, and predictive analytics.
– Guided Python workflows, ML pipelines, and data analysis with industry practices.

PROJECTS

VakilSeva - AI Legal Assistant
– Built an AI platform for multilingual legal query resolution and document services.
– Developed chatbot for legal assistance and document drafting automation.
– Integrated AI-powered scanner for legal text analysis and summarization.
– **Technologies:** Python, Flask, Generative AI (NLP, RAG), SQLite, TailwindCSS, Babel

AlgoVision Pro - Interactive Algorithm Visualizer
– Developed a dynamic and responsive web application to visualize core sorting and searching algorithms.
– Engineered an interactive engine with real-time code and performance metrics.
– **Technologies:** HTML, CSS, JavaScript, ReactJS

SKILLS

Languages:	Python
Frontend Development:	ReactJS, JavaScript, HTML, CSS, Bootstrap
Machine Learning & AI:	TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib, Hugging Face,Streamlit
Developer Tools & Platforms:	Git, GitHub, VS Code, PyCharm, Google Colab, Jupyter Notebook

AWARDS AND CERTIFICATES

Mentored junior students on project development methodologies and the application of Generative AI for optimization.