Surakanti Advaith Reddy

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OBJECTIVE

Data Analyst and **Machine Learning** enthusiast with hands-on experience building predictive models and streamlining data processes. Proficient in **Python, SQL, and TensorFlow.**Seeking to apply analytical expertise to drive actionable insights and innovation.

ACHIEVEMENTS

UI/UX Grand winner
HackxAmrita Hackathon

EDUCATION

AMRITA VISHWA VIDYAPEETHAM
BTech in CSE- AI
2022 - Present | CGPA: 8.5

Relevant Coursework
Machine Learning
Artificial Intelligence
Computer Networks
Operating Systems

SAINIK SCHOOL KALIKIRI
Intermediate and Secondary School
2015 - 2022
Achievements: 3rd position in state-level debate, *Leadership Roles*: (Quartermaster, School Soft Skills Captain), and participation in sports (hockey, basketball).

TECHNICAL SKILLS

Experienced:
Python, SQL, Java, HTML/CSS/JavaScript
Familiar:
C, Verilog,R, MATLAB, Docker
Libraries/Frameworks:
React, Django, TensorFlow, Pandas, NumPy, Scikit-Learn, Seaborn

DATA VISUALIZATION
Power BI, Tableau

OPERATING SYSTEMS
Windows, Linux

PROJECTS

DOCUGENIE | AI-Powered PDF Chat & MCQ Generator
Apr 2025 | Personal Project
- Built a RAG-based PDF assistant, delivering context‑aware answers in 2 seconds and reducing manual search time by 70%.
- Developed a Streamlit UI with chat and interactive MCQ quizzes, boosting user engagement by 40%.
- Leveraged a tech stack (Python, Streamlit, FAISS, LangChain, Google Gemini API, DuckDuckGo Search) to embed and index 1,000+ text chunks and process 512‑token contexts.

FOUNDIT | AI-Powered Fake News Detector
Mar 2025 | Personal Project
- Built a news detection AI tool , delivering results in under 3 seconds and boosting efficiency by 50%.
- Developed a responsive Streamlit UI with color-coded results, reducing user response time by 30%.
- Leveraged a tech stack (Python, Streamlit, Google Gemini API) to process 500 tokens per request and integrate data from 5+ sources.

VIBEVAULT | Web Development, API Integration
Dec 2024 | Personal Project
- Engineered a multilingual song downloader supporting 243 languages using Google Translate for accessibility.
- Integrated YouTube Data API and Spotify API with Django to enable seamless retrieval of video and playlist data.
- Delivered a user-friendly application for high-speed audio downloads in MP3 format.

EXTRA-CURRICULAR

VICE CHAIR | IEEE Student Chapter
Mar 2024 - Feb 2025
- Organized workshops for 230+ students, improving technical proficiency in web development and full-stack technologies.
- Streamlined workshop execution, resolving attendee queries efficiently.

IEEEXTREME 18.0 GLOBAL AMBASSADOR
- Directed a global hackathon engaging 24 teams and 100+ participants, managing event logistics and team coordination.
- Delivered a 100% on-time event completion with high participant satisfaction.

CERTIFICATIONS

Google Data Analytics Professional Certificate(2/8)	Sep 2024
Google Analytics Certification	June 2024
Machine Learning Specialization	Stanford	Mar 2024
AI Fundamentals Badge	Microsoft	Jan 2024
Machine Learning with Python| Udemy	Nov 2023