VANAPALLI RAGHAVENDRA

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PROFESSIONAL SUMMARY

AI & Data Science graduate with hands-on experience in machine learning, deep learning, and SQL-based systems. Strong in Python, model development, and data analysis, with internship experience in ML engineering and software development.

SKILLS

Programming: Python, SQL, C++, JavaScript
Machine Learning: SVM, TensorFlow, Keras, NumPy, Pandas, Matplotlib
Databases: MySQL, Oracle
Web Technologies: HTML, CSS, Bootstrap, Flask
Tools: GitHub, Google Colab, Power BI, Excel
Soft Skills: Problem Solving, Communication, Teamwork, Adaptability

WORK EXPERIENCE

AI/ML Software Engineering Intern | EdygradOne Pvt Ltd **Dec 2024 – Apr 2025**

- Designed and trained SVM-based predictive models for fake profile detection, achieving 95% accuracy.
- Explored MLOps, Explainable AI (XAI), and AutoML for scalable ML workflows.

Python Software Engineering Intern | OctaNet Services Pvt Ltd **May 2024 – Jun 2024**

- Developed an ATM Simulation System implementing core banking functionalities using Python.
- Optimized program logic, reducing debugging time by 30% for complex transaction flows

Web Software Engineer Intern | SkillVertex **May 2023 – Jun 2023**

- Built a responsive portfolio website using HTML, CSS, and JavaScript with cross-browser compatibility.
- Improved user experience and page responsiveness through clean UI design and optimized styling.

PROJECTS

Student Management System (Python, SQL, MySQL)

- Designed and implemented a SQL database schema to manage 1,000+ student records efficiently.
- Implemented secure login and staff data management features, reducing unauthorized access.

Fake Profile Detection using Machine Learning (Python, SVM)

- Developed an SVM-based classification model to detect fake social media accounts with 95% accuracy.
- Applied data preprocessing and feature engineering for improved model performance.

Final Year Group Project: Breast Cancer Detection using Deep Learning (DenseNet201, XGBoost, LightGBM)

- Developed a mammography image classification system using DenseNet201 for feature extraction.
- Applied stacking ensemble models (XGBoost, LightGBM, Logistic Regression) to improve prediction accuracy.

EDUCATION

B.Tech in Artificial Intelligence & Data Science
Vignan's Institute of Information Technology, Visakhapatnam
CGPA: 8.33 | **Nov 2021 – May 2025**

CERTIFICATIONS

- **Machine Learning with Python**
- **Introduction to SQL**
- **Introduction to Cybersecurity**