

YERVA VIVEKANANDA KUMAR

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Profile Summary

B.Tech Computer Science (Data Science) student with hands-on experience in Python, Django, and Machine Learning. Seeking a challenging role that leverages my technical and analytical skills in machine learning, data processing, and software development while enabling continuous learning and professional growth.

Education

Malla Reddy College of Engineering

B.Tech in Computer Science and Engineering (Data Science)

2025

— CGPA: 7.0

Bhavitha Junior College

Board of Intermediate Education (MPC)

Sri Krishnaveni Talent School

Board of Secondary Education

Technical Skills

Programming Languages: Python, HTML, Java (Basic)

Tools & Libraries: Git, GitHub, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn

Development Platforms: VS Code, PyCharm, Jupyter Notebook

Operating Systems: Windows

Projects

Phishing Detection System through Hybrid Machine Learning based on URL

Tools: Python, Django-ORM, HTML, CSS,

- Developed a phishing detection system using hybrid machine learning algorithms to analyze and classify URLs.
- Enhanced detection accuracy by combining multiple ML models for real-time threat identification.
- Achieved over 92% classification accuracy through ensemble integration and dataset optimization.

Phish-Catcher: Client-Side Defence Against Web Spoofing Attacks

Tools: Python, Scikit-learn, XGBoost, Pandas, NumPy,

- Implemented a client-side ML-based tool to detect and prevent phishing and web spoofing attacks in real time.
- Enabled local URL and webpage content analysis for proactive security without relying on external databases.
- Reduced false positives by refining URL feature extraction and improving model interpretability.

Certifications

AWS for Beginners – Great Learning

Software Development in Python – Coursera

Full Stack Web Development (Django) – GIGL

Interests and Soft Skills

Interests: Machine Learning, Data Visualization, Open Source Projects, Web Development

Soft Skills: Identifying problems, Communication, Time Management, Collaboration, Adaptability