Venkata Sumanth Rayasam

Aspiring Software Engineer

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github.com/rvsumanth

Professional Summary

Final-year B.Tech Candidate in **AI & Machine Learning**, Securing 8.7 CGPA. I possess a robust technical skill set, including **Python, SQL, and Machine learning**. I thrive on leveraging analytical and **abstract thinking** to engineer clean, efficient code and solve real-world problems.

Education

Bachelor of Technology, Artificial Intelligence and Machine learning   Aug 2023 – May 2026
- PACE Institute of Technology and Sciences | **CGPA** : 8.74

Diploma, Mechanical Engineering   Dec 2020 – May 2023
- PACE Institute of Technology and Sciences | **Percentage** : 82.63

Secondary School Certificate   Jun 2019 – May 2020
- PVR Municipal Boys High School | **GPA** : 10.00

Projects

Phishing Detect | Link : github.com/rvsumanth/Phishing-detect
- Engineered a phishing URL detection system leveraging Random Forest machine learning algorithms to accurately classify malicious links, enhancing cybersecurity and reducing phishing threats by over 95% accuracy.
- Technologies Used: Python, Random Forest, Pandas

Hand Digit Recognition System | Link : github.com/rvsumanth/Hand-Digit-Recognition-System
- Engineered a real-time handwritten digit recognition system using TensorFlow and CNNs, achieving over 98% classification accuracy and integrating interactive Tkinter-based visualization to automate digit input workflows.
- Technologies Used: TensorFlow, keras, Python, Tkinter, MNIST Data set, Matplotlib, Pandas, NumPy

Skills

- **Programming Languages:** Python, SQL, HTML, CSS
- **Concepts:** Object-oriented programming, RDBMS, Machine Learning, Data Structures and Algorithms
- **Tools:** Linux, Visual Studio Code, GitHub, MySQL, PyCharm, MS Office
- **Soft skills:** Solving complex problems, Problem Solving, Patience, Team Collaboration, Adaptability

Internships

Full Stack Development Intern, 42 Learn   May 2024 – June 2024
- Designed and implemented dynamic user interfaces using HTML, CSS, and JavaScript, leveraging industry-standard development tools such as Visual Studio Code and GitHub.

Certifications

- **Introduction to Internet Of Things :** IIT Kharagpur - NPTEL
- **Google cloud Generative AI :** Google Cloud - Eduskills
- **Fundamentals of Cybersecurity :** Palo alto - Eduskills
- **Python Mastering the essentials :** Scaler Academy

Achievements

PACETHON, PACE Institute of Technology and Sciences   September 2025
- Participated in a college hackathon and developed an optimal solution to an AI/ML problem statement.

Senior Under Officer, National Cadet Corps   Feb 2022 – Feb 2023
- Led and mentored a contingent of 50 NCC cadets, fostering a culture of discipline, teamwork, and excellence.