

Veankata Krishnan S M

📍 Chennai 📩 veankatakrisnan@gmail.com ☎ +919499033035 💬 Veankata Krishnan S M

Summary

Pre-final year B.Tech Computer and Communication Engineering student with a strong foundation in Python programming, machine learning, and software engineering. Experienced in building and validating ML-driven systems and developing automated testing workflows. Passionate about automation to improve software reliability, performance, and testing efficiency.

Education

Amrita Vishwa Vidyapeetham <i>B.Tech in Computer and Communication</i>	<i>Aug 2023 - July 2027</i>
◦ CGPA: 8.3/10.0	
DAV Senior Secondary School <i>All India Senior School Certificate Examination</i>	<i>June 2020 - June 2022</i>
◦ Percentage : 88.4%	
DAV Senior Secondary School <i>All India Secondary School Examination Certificate Examination</i>	<i>Aug 2008 - April 2020</i>
◦ Percentage : 90.4%	

Projects

Comprehensive Stress Detection for Automobile Drivers	<i>Project Report ↗</i>
◦ Developed a machine learning pipeline in Python using TensorFlow , Scikit-learn , and Matplotlib to classify driver stress from physiological signals (ECG, GSR, EMG, respiration) with 92% accuracy .	
◦ Automated data pre-processing , model validation , and performance evaluation scripts, ensuring reproducibility through QA-style testing workflows.	
Ambulance Service System	<i>Project Report ↗</i>
◦ Built a GUI-based emergency route optimization system in Python using Tkinter , NumPy , and Matplotlib , implementing unidirectional, bidirectional and multidirectional Dijkstra algorithms.	
◦ Designed and executed automated test cases to verify the accuracy of the algorithm, the reliability of the system, and the efficiency of the run time.	

Technologies & Skills

Languages: Python, C, HTML, CSS, JavaScript, SQL

Tools & Technologies: VS Code, Spyder, Jupyter Notebooks, Code Blocks, Git & GitHub

Relevant Coursework: Software Engineering, Software Testing, DSA, Problem Solving, Operating Systems, Database Management Systems, Machine Learning, Deep Learning

Certifications & Achievements

- **Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate** (Aug 2025) [View Certificate ↗](#)
- **Supervised Machine Learning:Regression & Classification** Coursera (Aug 2025) [View Certificate ↗](#)
- **Crash Course on Python - Google** Coursera (May 2025) [View Certificate ↗](#)
- Selected and Attended **Amazon Machine Learning Summer School 2025** (Aug 2025) [View Certificate ↗](#)