

VEPAMANU AMARNATH

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Objective

I am a highly motivated software Developer proficient in Python, SQL, and Machine Learning, with hands-on experience in Full Stack Development, data analysis, web development and predictive modelling to drive innovation and growth

EDUCATION

Bachelor of Technology, Computer Science & Technology

Madanapalle Institute of Technology and Science (MITS)

2020 - 2024 | Percentage: 72%

PROJECTS

Human Multi-Disease Detection using Machine Learning (Python, SVM, Logistic Regression, Scikit-learn)

- Developed a predictive model to detect multiple diseases using symptom analysis with Machine learning algorithms like SVM and Logistic Regression and by using Scikit-learn, OpenCV, Data Preprocessing, Feature Engineering. Improved diagnostic accuracy by 20%.
- Processed 5000+ patient records, reducing manual effort by 50%.

Real-Time Implementation of Face Mask Detection

- Developed a Real Time Implementation of Face Mask Detection Using Deep Learning Techniques to identify whether individuals are wearing masks or not by analysing camera inputs. achieving 95% accuracy and deploying it using Flask and AWS.
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INTERNSHIP

Full Stack Developer Intern – Pyspiders (8 months)

- Developed full-stack applications and gained expertise in web technologies and databases.

Data Analysis Intern – APSSDC (3 months)

- Worked on data analysis projects using Python and SQL.

Machine Learning Intern – Pantech e-Learning (4 weeks)

- Built ML models for predictive analysis and insights generation.
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SKILLS

Technologies: Python, SQL, Machine Learning, Django, HTML, CSS, JavaScript.

Tools: VS Code, Git, GitHub, MySQL.

Languages: Python, SQL, Java.

CERTIFICATIONS & ACHIEVEMENTS

- Ranked among top 5% in Hacker Rank SQL and Python certification.
- NPTEL Certification in Privacy and Security in Online Social Media (IIT Kharagpur).
- Coursera Certified in Data Analysis (2023).
- Solved 100+ DSA problems on LeetCode improving problem-solving efficiency.
- Developed 5+ web pages using HTML, CSS and JAVASCRIPT.