Pranay Vanam

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EDUCATION

Malla Reddy College of Engineering and Technology — **Nov 2021 – June 2025**
Bachelor's Degree of Technology, CSE(AI&ML) — CGPA: 8.36/10

Sri Chaitanya Junior College — **June 2019 – May 2021**
Board of Intermediate Education — Percentage: 88.4%

Nirmal Hridai High School — **June 2018 – Mar 2019**
Board of Secondary Education — CGPA: 9.8/10

SKILLS SUMMARY

- **Programming:** Python
- **Core Areas:** Artificial Intelligence, Machine Learning, Deep Learning, Natural Language Processing (NLP)
- **Frameworks & Libraries:** TensorFlow, Keras, Scikit-learn, Pandas, NumPy, Matplotlib
- **Database:** SQL
- **Web Development:** HTML, CSS, JavaScript
- **Soft Skills:** Analytical Thinking, Team Collaboration, Problem Solving, Continuous Learning

WORK EXPERIENCE

Internship at Internpe, Virtual — **July 2024 – Aug 2024**
- Created models to predict IPL match outcomes and car prices by analyzing relevant data like team stats and car features using machine learning.
- Built a diabetes prediction model to assess the risk of diabetes based on health data such as glucose levels and BMI.

Internship at Codsoft, Virtual — **July 2024 – Aug 2024**
- Developed a To-Do List, Calculator, and Contact Book, focusing on creating practical, user-friendly applications to manage tasks, perform calculations, and store contacts.
- Built a Rock-Paper-Scissors game for entertainment and a Password Generator to create secure passwords, enhancing my Python programming skills.

Internship at Bharat Intern, Virtual — **Aug 2024 – Sep 2024**
- Created a responsive personal blog site to share posts, showcasing skills in front-end development and web design.
- Built a weather app that displays real-time weather data for any location, improving my ability to work with APIs and dynamic content.

ACADEMIC PROJECTS

Counterfeit Detection — **Dec 2024 – Apr 2025**
- Developed a blockchain-based counterfeit detection system using smart contracts and QR codes for real-time product verification and traceability.
- Enabled secure, tamper-proof product authentication to enhance consumer trust and prevent counterfeiting across supply chains.

Gesture Controlled Virtual Mouse — **June 2024 – Nov 2024**
- Developed a system that uses hand gestures and voice commands to control a computer without physical contact, utilizing advanced Machine Learning and Computer Vision Techniques.
- Implemented CNNs with MediaPipe for hand gesture detection and optimized it for the Windows platform, providing a hands-free, efficient way to interact with digital devices.

Visualizing and Forecasting Stocks Using Dash — **Jan 2024 – May 2024**
- Developed a dashboard to visualize stock market trends, providing interactive charts and graphs for real-time data analysis.
- Implemented machine learning models to predict future stock prices, enhancing decision-making by offering insights through historical data patterns.

Trendify Me-The Fashion Recommender — **Aug 2023 – Dec 2023**
- Built a recommendation system that suggests clothing styles based on user preferences and fashion trends, improving the shopping experience.
- Utilized machine learning algorithms to analyze user behavior and fashion data, delivering tailored fashion choices for individual users.

CERTIFICATIONS

- Programming for Everybody (Getting Started with Python) - University of Michigan
- Introduction to Java - Learn Quest
- Web Development - Internshala Trainings
- Introduction to Artificial Intelligence - Infosys Springboard
- Introduction to Machine Learning in Production - DeepLearning.AI
- AWS Academy Cloud Foundations - AWS Academy
- Cambridge English Empower level B2 course - Cambridge University Press and Assessment