

PRUTHVI VANKA

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1 Technical Skills

- **Languages/Tools:** Python, MySQL, DSA, AI, ML, Data Analytics, Power BI, OpenCV
- **Other Skills:** Problem Solving, Team Collaboration, Project Management, Leadership, Adaptability

2 Summary

Motivated and detail-oriented B.Tech Computer Engineering student (2025 pass-out) with hands-on experience in Python, Machine Learning, and Data Analytics. Skilled in developing ML models for healthcare, vision, and recommendation systems. Proficient in Power BI, MySQL, and OpenCV, with strong problem-solving and teamwork skills. Interested in roles such as Data Analyst, AI/ML Intern, or Business Analyst.

3 Education

Bharati Vidyapeeth College of Engineering, Navi Mumbai
B.Tech in Computer Science (AIML) — CGPA: 8.9/10

2021 – 2025

Aditya Junior College (APBIE)
Class XII — 89.6%

2021

Atimya VidyaPeeth (CBSE)
Class X — 80%

2019

4 Experience

Deendayal Port Authority

Jun 2024 – Aug 2024

- Applied MySQL, Networking, and Python for data-driven solutions.
- Developed AI/ML projects to enhance predictive analytics.

Techno Hacks EdTech

May 2024 – Jun 2024

- Worked with ML algorithms to improve prediction accuracy.
- Completed 3 mini projects demonstrating project management.

Verzeo

Sep 2022 – Oct 2022

Built ML models with Python and TensorFlow.

- Hands-on data preprocessing, evaluation, and deployment.

5 Projects

Skin Care Recommendation System — Developed ML system recommending skincare products based on ingredient analysis and skin concerns.

Pedestrian Detection — Built real-time pedestrian detection system with OpenCV and Haar cascades for safety monitoring.

Face Expression Recognition (CNN) — Implemented a computer vision project for facial expression recognition, integrating camera access for enhanced functionality.

Diabetes Prediction — Utilized Random Forest to enhance model accuracy for insightful analysis and classification of medical datasets.

Wine Quality Prediction — Enhanced a machine learning model to assess wine quality based on chemical composition.

Ignite Guard (IoT) — It is an IoT-based project used for gas and flame detection with MQ-5 sensors

Movie Review Classification — Evolved a review classification model using a Gaussian Distribution Network to predict sentiment.

ECG Prediction — Developed an ECG prediction system using machine learning algorithms to analyze cardiac signals for accurate diagnosis.

Heart Disease Prediction — Developed AI and ML projects to enhance predictive analytics for healthcare insights.

6 Certifications

- The Complete SQL Bootcamp (2022).
- Beginner's Guide to AI (Unity 2022).
- Introduction to Data Analytics (Coursera).
- Python 101 for Data Science (IBM).
- Introduction to Data Analytics (Cisco).
- Data Visualization with Power BI.