

# Pruthvi Vanka

Navi Mumbai

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## SUMMARY

Motivated and detail-oriented B.Tech Computer Engineering student (2025 pass-out) skilled in Python, SQL, Machine Learning, and Data Analytics. I have hands-on experience with Flask APIs, predictive analytics, and computer vision projects. I am proficient in creating dashboards using Power BI and Tableau for data-driven insights, and have strong problem-solving skills.

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## SKILLS

**Technical:** Python, MySQL, DSA, Artificial Intelligence, Machine Learning, Data Analytics

**Soft Skills:** Fast Learner, Project Management, Team Collaboration, Leadership, Adaptability, Problem Solving

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## EDUCATION

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

(2025)

**Schooling:** Aditya Junior College (Class XII), secured 89.6%. Atimya VidyaPeeth (Class X), secured 80%.

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## WORK EXPERIENCE

- **Intern, Deendayal Port Authority** | *June 2024 - August 2024*
  - Developed data-driven solutions using MySQL, Networking, and Python.
  - Engineered AI and ML projects to optimize predictive analytics.
- **Intern, Techno Hacks EdTech** | *May 2024 - June 2024*
  - Mastered machine learning algorithms to enhance prediction accuracy.
  - Applied practical expertise within structured project environments.
- **Intern, Verzeo** | *September 2022 - October 2022*
  - Devised ML models using Python and TensorFlow.
  - Conducted data preprocessing and model evaluations.

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## PROJECTS

- **Skin Care Recommendation** | **Feb 25 - Apr 25**
  - Developed an ML-based system to suggest products based on skin type and ingredient analysis.
- **Pedestrian Detection** | **Nov 24 - Nov 24**
  - Built a real-time pedestrian detection system using OpenCV and Haar cascades.
- **Face Expression Recognition Using CNN** | **Jul 24 - Jul 24**
  - Implemented a computer vision project for facial expression recognition, integrating camera access.
- **Diabetes Prediction** | **May 24 - May 24**
  - Utilized Random Forest to enhance model accuracy for diabetes classification.
- **Ignite Guard (IOT)** | **Apr 24 - Apr 24**
  - A smart, connected system for real-time gas leak detection and safety alerts.
- **Movie Classification Review** | **Apr 24 - Apr 24**
  - Evolved a review classification model using Gaussian Distribution Network for sentiment analysis.
- **ECG Prediction Using ML** | **Sep 23 - Sep 23**
  - Developing an AI model to analyze ECG signals and predict cardiac abnormalities.
- **Heart Disease Prediction Using AI** | **Mar 23 - Apr 23**
  - Enhanced a predictive model by sourcing and analyzing datasets using foundational AI algorithms.

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## CERTIFICATES

- The Complete SQL Bootcamp 2022: Go from Zero to Hero.
- The Beginner's Guide To Artificial Intelligence (Unity 2022).
- Introduction to Data Analytics from Coursera.
- Python 101 for Data Science by IBM.
- Data Visualization with Power BI.