

RUTUJA MARUTI KUMBHAR

Nipani, Karnataka

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EDUCATION

VIT Bhopal University, Sehore

B.Tech - Computer Science Engineering with AI & ML - CGPA: 8.59

2023 – Present

VIT Bhopal University

DEVCHAND COLLEGE ARJUNNAGAR, Maharashtra

XII (HS) - Percentage: 79%

2023

Arjunnagar, Maharashtra

MMB's Modern English School, Nipani, Karnataka

X (KSEEB) - Percentage: 96%

2021

Nipani, Karnataka

EXPERIENCE

Meraki - The Fine Arts Club

Role: General Secretary

October 2023 - Present

VIT Bhopal University

- Led and contributed to the planning and execution of multiple university-wide cultural events. Responsible for team coordination, logistics, and ensuring successful event outcomes.

PROJECTS

Breast Cancer Prediction using ML Models | Python, Jupyter Notebook

September 2024

- Built a compact machine learning project to predict breast cancer diagnosis using UCI data. Compared multiple models (Logistic Regression, Decision Tree, Random Forest, SVM, k-NN) for classifying tumors. Random Forest achieved highest accuracy and ROC-AUC.

Credit Card Approval Prediction Using ML Model | Jupyter Notebook, VS Code

June 2025

- Developed a machine learning web app to predict credit card approval using user financial data. Implemented data preprocessing, trained Random Forest and other classification models, and deployed real-time predictions with a Flask interface. Evaluated model performance using accuracy and F1 score.

End To End Deep Learning Project Using ANN | Python

September 2025

- This is complete end-to-end deep learning project using an Artificial Neural Network (ANN) for binary classification. The model is trained on a real-world dataset and demonstrates the key stages of building and deploying a deep learning model using Python.

SKILLS

Languages: Python, C++, Java, SQL

Technologies/Frameworks: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Data Preprocessing, ML Model Evaluation, OOP, Algorithms & Data Structures

Developer Tools: VS Code, PyCharm, IntelliJ, Canva, Kaggle

Soft Skills: Leadership, Teamwork and Collaboration, Communication, Problem-Solving, Time Management, Multitasking

CERTIFICATES

- MATLAB Onramp for MathWorks Training Services - Aug 2023
- NPTEL Cloud Computing Silver Badge – Apr 2025
- Journey to Cloud: Envisioning Your Solution - June 2025
- Azure Certified: Azure Data Fundamentals - June 2025
- Certified Machine Learning Learner - July 2025