

RUTUJA MARUTI KUMBHAR

Nipani, Karnataka

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EDUCATION

VIT Bhopal University, Sehore <i>B.Tech - Computer Science Engineering with AI & ML - CGPA: 8.59</i>	2023 – Present <i>VIT Bhopal University</i>
DEVCHAND COLLEGE ARJUNNAGAR, Maharashtra <i>XII (HS) - Percentage: 79%</i>	2023 <i>Arjunnagar, Maharashtra</i>
MMB's Modern English School, Nipani, Karnataka <i>X (KSEEB) - Percentage: 96%</i>	2021 <i>Nipani, Karnataka</i>

EXPERIENCE

Meraki - The Fine Arts Club <i>Role: General Secretary</i>	October 2023 - Present <i>VIT Bhopal University</i>
• 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