

Riya Raulgaonkar

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EDUCATION

VIT Bhopal University , Bhopal, MP Bachelor of Technology in Computer Science and Engineering (AI/ML Specialization) CGPA: 8.65/10	Sept 2022 - July 2026
Pace Junior Science College , Andheri, Mumbai Class XII	Apr 2020 - May 2022
Universal High School , Dahisar, Mumbai Class X	Apr 2010 - May 2020

TECHNICAL SKILLS

- Programming Languages:** Python, SQL, C++, Java
- Data Science & ML:** TensorFlow, Keras, Scikit-learn, Pandas, NumPy, OpenCV
- Web Technologies:** Flask, HTML, CSS, JavaScript
- Tools & Platforms:** Git, Excel, Jupyter Notebook, VS Code
- Data Visualization:** Matplotlib, Seaborn, Excel Charts

PROJECTS

GlowGuide: AI-Powered Skin Tone Analysis & Skincare Recommender <i>Python, TensorFlow, CNN, OpenCV, Scikit-learn, Flask, Pandas, NumPy</i>	Sep 2024 - Dec 2024
• Developed end-to-end computer vision pipeline for multi-class skin tone classification using CNN architecture	
• Engineered data preprocessing: facial detection, image augmentation, lighting normalization handling 300+ diverse facial images	
• Achieved good accuracy through hyperparameter tuning, cross-validation, and comprehensive model evaluation	
• Built production Flask API serving real-time predictions with personalized skincare recommendations	
HealthSync: Intelligent Healthcare Management Portal <i>HTML, CSS, Python, Flask, JavaScript, Machine Learning</i>	May 2025 - June 2025
• Created full-stack web platform for old-age homes with health blogs promoting wellness	
• Engineered diagnostic backend with ML model to predict diabetes and heart disease risk	
• Applied Flask for efficient data exchange between frontend and backend	
• Used Pandas and NumPy for data preprocessing and Scikit-learn for model training	
Crop Disease Prediction using Convolutional Neural Networks <i>Python, TensorFlow/Keras, CNN, Image Processing, OpenCV</i>	Sep 2024 - Dec 2024
• Developed a CNN model to classify crop diseases from leaf images with high accuracy	
• Implemented image preprocessing and data augmentation techniques to handle diverse agricultural imagery	
• Achieved robust performance across multiple crop types and disease categories	
• Trained model on plant village dataset to enable early disease detection for farmers	
Stock Portfolio Analytics Dashboard <i>Excel, Financial Modeling, Data Analysis, Performance Benchmarking</i>	Oct 2025
• Built interactive dashboard tracking aggregate and individual investment performance with comparative stock analysis	
• Developed dynamic financial models for portfolio optimization and competitive performance assessment	
• Created comprehensive visualizations including allocation charts, trend analysis, and stock comparisons	

EXTRA CURRICULAR ACTIVITIES

- Finalist** in Arithmetic! Hackathon organized by IIM Nagpur (2024)
- Achieved** a 5 star for SQL on HackerRank
- Top Performer** in Coders Arena: Battle of Algorithms coding competition (2025)
- Winner** in Table Tennis Tournament (2023)
- Active member** in Igniters Club, organizing Foragers event 2.0 (2024)
- Active Performer** in Dance Club, participating in cultural festivals

ADDITIONAL INFORMATION

- Fluent in English, Hindi, and Marathi — Active participant in GitHub projects and hackathons on Unstop