

# Ronith Dhanesh

Kannur, Kerala, India

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## Education

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**VIT Bhopal University** Bhopal, Madhya Pradesh

B.Tech Computer Science Engineering with Specialisation in Artificial Intelligence and Machine Learning

Expected May 2026

CGPA: 8.49/10

Technical Skills: Java, Python, C++, HTML, CSS

## Projects

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### **Stock Market Price Prediction AI Model** March 2024- May 2024

Developed an AI Stock Market Price Prediction model using LSTM.

Developed an AI model for Stock Price Prediction utilising it to identify potential trends

Successfully recruited X number of new members through informational interviews.historical market data.

Technology Stack: Python, Jupyter Notebook, Google Colab, Streamlit

Team Size: 5 Role: User Experience Designer, Web Developing

Developed an python automation project to clean desktop automatically

### **Cataract Image Classification Model using ResNet**

Developed a deep learning model using ResNet architecture to classify cataract vs. non-cataract images.

Trained the model on a labeled medical image dataset to achieve high accuracy in classification.

Deployed the model as an interactive web app using **Streamlit**, allowing users to upload images and get real-time predictions.

Technology Stack: Python, TensorFlow/Keras, ResNet, Streamlit

### **Automated Desktop Cleaner App**

Designed and developed a Python-based desktop cleaning application to automate file organization.

Implemented features like file-type categorization, duplicate file handling, and undo functionality.

Deployed the app for personal use, improving productivity by maintaining a clutter-free workspace.

## Achievements

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- Achieved an Elite Certification in Privacy and Security in Online Social Media (NPTEL - Indian Institute of Technology, April, 2024)

## Co-Curricular Activities

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**Member, Malayalam Club** Nov 2022 - Present

- Organised and managed various club events, ensuring smooth execution from planning to completion.
- Handled event finances, including budgeting, expense tracking,
- Maintained member databases, tracked event participation, and communicated effectively through mails and social media to keep members engaged.

## Extracurricular Activities

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Public Speaking, Photography, Problem Solving

## ADDITIONAL

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**Languages:** Fluent in Malayalam, English; Conversational Proficiency in Hindi.

**Certification & Training:** MATLAB Simulink Onramp, Python Essentials - vityarthi, Applied Machine Learning in Python-Coursera, Privacy and Security in Online Social Media- NPTEL

