

# Rhythm Jain

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## EDUCATION

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**VIT Bhopal University**, B.Tech in Computer Science (AIML)  
GPA: 8.01

Sep 2022 – Expected May 2026

## TECHNICAL SKILLS

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**Languages:** Python, Java, SQL, JavaScript, HTML/CSS

**Frameworks Libraries:** React, Node.js, Express.js

**Databases:** MySQL, MongoDB

**AI/ML Tools:** NumPy, Pandas

**BI Tools:** Power BI

**Developer Tools:** Git, VS code

## PROJECTS

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### Face Swap using Deep Learning

- Built a CNN + Autoencoder model for realistic face swaps.
- Used OpenCV for face detection and alignment.
- Applied GAN refinement for smooth blending.

### ChatBot based on Transformer Model

- Developed a Transformer-based chatbot with contextual replies.
- Fine-tuned BERT/GPT models using Hugging Face.
- Integrated with Flask UI for real-time interaction.

### Plant Disease Detector

- Built a CNN model for real-time plant disease detection.
- Achieved high accuracy on agricultural datasets.
- Designed a responsive and accessible UI (text-to-speech, mobile-friendly).

## CERTIFICATES

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IBM blockchain

Computer Vision

AWS Solution Architect

Adobe UI/UX graphic design

## ACHIEVEMENTS

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Built projects using Python, TensorFlow, Flask

Implemented real-time applications (chatbot, faceswap)

Secured ELITE certificate in NPTEL (Privacy and Security in Online Social Media)