

# Sambhav Shah

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## EDUCATION

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**VIT Bhopal University, Bhopal**

*B.Tech Computer Science and Engineering*

Oct 2022 – Present

8.37/10 CGPA

## PROJECTS

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### Detection of Neurodegenerative Diseases using RNN Model

- Developed a Recurrent Neural Network (RNN) model to predict neurodegenerative diseases based on sequential data analysis.
- Optimized model architecture and hyperparameters to improve diagnostic accuracy and efficiency.
- Built with **Python, Deep Learning and Machine Learning**.

### Digital Academic Monitoring System

- School management system for **MP GOV schools** handling attendance, leaves, and mid-day meals.
- Built with **Next.js and MongoDB**.

### Potato Disease Detection using CNN Model

- Built a Convolutional Neural Network (CNN) to detect and classify diseases in potato plant leaves.
- Implemented data preprocessing and augmentation strategies for robust image classification.
- Built with **Python, Deep Learning and Machine Learning**.

## TECHNICAL SKILLS

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**Development** : HTML, CSS, Machine Learning, Deep Learning,

**Database** : MySQL

**Languages** : Python, Java, JavaScript

**Tools and Technologies** : Data visualization, MS WORD and EXCEL, Tableau, model optimization techniques

## Certifications

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### Google IT Professional Certificate

- The Bits and Bytes of Computer Networking — Google

### Cloud Computing — NPTEL

**Machine Learning A-Z: AI, Python R + ChatGPT Prize [2025]- Udemy**

**The Complete Full-Stack Web Development Bootcamp- Udemy**