Sambhav Kiran Shah

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EDUCATION

VIT Bhopal University, Bhopal   Oct 2022 – Present
B.Tech Computer Science and Engineering   8.37/10 CGPA

TECHNICAL SKILLS

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

PROJECTS

Detection of Neuro-degenerative disease 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.
* Used **Python,Deep Learning and Machine Learning** with Model optimization techniques

Digital Academic Monitoring System
* School management system for **MP GOV schools** handling attendance, leaves, and mid-day meals.
* Improved school data operations by 60% using optimized queries, indexing, and data normalization on **MongoDB**
* Constructed using **Next.js** ,supporting role-based access and real-time data synchronization.

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**.

Certifications

 Machine Learning A-Z: AI, Python & R + ChatGPT Prize [2025]- Udemy
 The Complete Full-Stack Web Development Bootcamp- Udemy
IBM -GenAI Using IBM WatsonX
Ethnus-AWS Cloud Practitioner
 Ethnus-AWS Solution Architect

Extra Curricular Activities

SIH 24 VIT Bhopal Internal Hackathon Finalist   2024
Advanced to the final stage of the Smart India Hackathon 2024 Internal Round .

Health Hackathon- Conducted by VIT Bhopal & John Hopkins   2025
Collaborated in a health-focused hackathon to develop a prototype aimed at improving healthcare solutions .