Chit Hindocha

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EDUCATION

VIT Bhopal University　　　　　　　　　　　　　　　　　　　　Bhopal, Madhya Pradesh
B.Tech Computer Science & Engineering (Spl. in AI and ML) with CGPA: 8.82　　*August 2021 - August 2025*

TECHNICAL DETAILS

Certifications:Data Management and Visualization by Wesleyan University
Languages: Python, Java, MYSQL, Node.js
Frameworks: Express.js, ReactJS, Flask, Django
Technical Skills: Deep Learning, GenAI, LLM, Computer Vision

PROJECTS

SudokuSolver | *Python, OpenCV*　　　　　　　　　　　　　　August 2024 – September 2024
- Developed a computer vision-based Sudoku solver that reads an image of a Sudoku puzzle and fills in the correct numbers automatically
- Engineered the model using Python, OpenCV, and NumPy, achieving accurate digit recognition [0-9] and ensuring seamless puzzle-solving capabilities

Crop-Recommendation - CROPhecy | *ML, Flask, MERN*　　　　　　October 2023 - January 2024
- Developed a high-precision predictive model with 90% accuracy in crop selection from over 5,000 data points, factoring in soil quality, weather, and seasonal trends
- Constructed a user-centric application using Python, Flask, and the MERN stack, delivering recommendations in under 2 seconds
- Coordinated a 10-member cross-functional team, integrating diverse data sources and maintaining model accuracy through rigorous testing and validation
- Applied data visualization techniques to convey complex agricultural insights in an easily understandable format

Culinery Cuisine | *Python, Flask, Multinomial NB*　　　　　　　　July 2023 - August 2023
- Engineered a Multinomial Naive Bayes model achieving 90% accuracy in recipe suggestion on a dataset of around 6,000 recipes
- Incorporated the model into a web application with Python and Flask, ensuring a response time under 700 milliseconds
- Integrated natural language processing techniques to enhance recipe search functionality

INTERNSHIP EXPERIENCE AND ACHIEVEMENTS

ML Intern　　　　　　　　　　　　　　　　　　　　　August 2023 - November 2023
Smartinternz　　　　　　　　　　　　　　　　　　　　　　　　　　　*Remote*
- Innovated an AI-based River Water Quality Forecasting model with 85% prediction accuracy, bolstering environmental management efforts
- Optimized data processing pipelines, reducing response times by 40% in addressing water quality issues and implementing preventive measures for sustainable water management

Full Stack Intern　　　　　　　　　　　　　　　　　　　August 2023 - November 2023
Ethnus　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Remote*
- Designed and launched a task scheduling application with integrated email reminders, enhancing user task management capabilities
- Utilized React for frontend development and Node.js with Express for backend services, ensuring scalability and maintainability of the application

Achievements Orchestrated collaborative efforts among a team of 8 to design and implement a user-friendly interface for the Crop Recommendation System as part of the Green Algeria Project, demonstrating strong teamwork and collaboration skills