GHANSHYAM CHOUDHARY

Indore, MP-452010

+91-9009465869   ghanshyamchoudhary9009@gmail.com   LinkedIn   GitHub   Leetcode

Education

Rajiv Gandhi Proudyogiki Vishwavidyalaya   **2021 − 2025**
B.Tech - Artificial Intelligence and Data Science   *Indore, Madhya Pradesh*
CGPA: 7.6/10

Summary

- Highly motivated full-stack developer with extensive experience in Artificial Intelligence and Machine Learning. Adept at solving complex problems and collaborating within cross-functional teams to deliver innovative solutions.

Work Experience

Software Development Intern   **July 2024 - August 2024**
ListApp Pharmatech Pvt. Ltd.   *Indore, Onsite*

- Developed a robust invoice recognition system leveraging Optical Character Recognition (OCR) and Named Entity Recognition (NER) to streamline data extraction processes, increasing accuracy and efficiency.
- Collaborated with software engineers to troubleshoot and optimize code performance, enhancing application speed through systematic hyperparameter tuning.
- Participated in code reviews, ensuring adherence to best practices and maintaining high-quality standards in documentation and development.

Projects

ASL Detector   **GitHub**
Python, CNN, Computer Vision

- Engineered a real-time American Sign Language (ASL) detector utilizing Convolutional Neural Networks (CNN) to support effective communication for the hearing impaired.
- Applied advanced image processing and data augmentation techniques to enhance model accuracy and robustness.
- Created an intuitive user interface for real-time sign language recognition, improving user engagement and accessibility.

QuillAI   **GitHub**
React, JavaScript, Stripe API

- Built a web application that harnesses the OpenAI ChatGPT API for automated content generation, facilitating efficient content creation.
- Integrated secure Stripe payment processing to enhance transactional reliability and user trust.
- Designed a user-friendly interface, simplifying content management and improving user satisfaction.

Income Tracer Application   **GitHub**
HTML, CSS, JavaScript, React

- Developed a comprehensive income tracking application using a React frontend and Node.js/Express backend to assist users in financial management.
- Implemented secure user authentication and MongoDB for safe data storage, ensuring privacy and data integrity.
- Designed an interactive dashboard for users to visualize income and expenses, enhancing financial insight and decision-making.

Technical Skills

- **Programming Languages:** C, C++, Python, HTML, CSS, JavaScript
- **Frameworks and Libraries:** React, Node.js, TensorFlow, OpenCV
- **Tools:** Git, VS Code, GitHub, Netlify, Jupyter Notebook, Google Colab
- **Databases:** MySQL, MongoDB
- **Machine Learning Skills:** Supervised Learning, Unsupervised Learning, Reinforcement Learning, CNN, RNN, Natural Language Processing (NLP)
- **Soft Skills:** Problem Solving, Team Collaboration, Communication, Self-Learning

Achievements & Certifications

- Completed Full Stack Development Bootcamp 2023 - Udemy

- Earned Machine Learning Specialization by Andrew Ng - Coursera

- Completed Introduction to Image Processing and Computer Vision - Coursera

- Currently enrolled in Deep Learning Specialization by Andrew Ng - Coursera

- Achieved a highest rating of **1422** in a LeetCode contest.

- Successfully solved **700+ coding interview questions** across various platforms.

- Recognized as the **Model United Nations (MUN)** competition winner, showcasing strong teamwork and communication skills.