Chirag Jiwnani

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LinkedIn | GitHub | Portfolio

Education

SVKM's Dwarkadas J. Sanghvi College of Engineering | Vile Parle, Mumbai   **2021 - Present**
B. Tech in Artificial Intelligence and Machine Learning | CGPA: 7/10
Relevant Courses: Artificial Intelligence, Machine Learning, Deep Learning, Data Structures, NLP, Image Processing, Recommendation System, Big Data Analysis, AI in Finance.

Skills

Programming Languages: Python, HTML, CSS, JavaScript, C/C++, MySQL
Frameworks: React.js, Express.js, Tailwind CSS, Flask, Streamlit
Libraries: Pandas, Numpy, Seaborn, Scikit learn, SciPy, PyQt5, NLTK, Keras, Spacy, PyTorch
Databases: MongoDB, MySQL
Other Skills: Dynamic Programming, Computer Vision, Object detection, Face recognition, LLM
Dev Tools: Visual Studio Code, Git, GitHub, Kaggle, Replit, Android Studio
Soft Skills: Creativity, Collaboration, Project Management, Interpersonal Skills, Attention to Detail, Critical Thinking

Projects

DataCraft – End to End Data Science Project Tool | Data Pre-processing, ML, EDA
- Developed a web-based data science tool enabling non-coders to clean data, select models (Random Forest, LSTM, etc.), train, evaluate, and visualize results, enhancing accessibility to machine learning workflows.

IKSHA – Anti-Procrastination Specs | AI, R-CNN, IoT
- IKSHA, the Anti-Procrastination Specs, is a wearable AI device utilizing R-CNN and IoT, achieving 90% accuracy in task recognition and offering feedback on activities like entertainment, sports, driving, coding, and reading.

Fashion Recommender System | Python, Streamlit, Recommendation System
- Developed a Fashion Recommender System leveraging ResNet50 for feature extraction and Streamlit for deployment, enabling personalized clothing recommendations using image similarity and nearest neighbor search.

Workforce Analytics – Employee Shift Analysis | Pandas, Data Analysis
- Workforce Analytics automated the analysis of over 1,000 employee timecards using Pandas, identifying irregular patterns and saving approximately 20 hours per month.

News Analysis – Web Scraping of News | NLP, Web Scraping
- News Analysis involved web scraping over 500 news articles and leveraging NLP tools like Beautiful Soup and Hugging Face, enhancing insight delivery speed by 30%.

Experience

Web Development Intern | Nullclass   **July 2024 – Nov 2024**
- YouTube-inspired web app with secure private group chats, multilingual comment translation, advanced gesture-based video controls, and VoIP features, including screen sharing and recording, fostering an interactive, inclusive, and user-centric digital experience.

AI Intern | Inventrom Private Limited   **Nov 2023 - Dec 2023**
- Developed AI applications, including a recipe generator, image generator, and AI Telegram bot, using Python libraries and frameworks.

Certifications

TATA: Data Visualization: Empowering Business with Effective Insights
Oracle Cloud Infrastructure: Generative AI Certified Professional
Microsoft Azure Fundamentals
Google: Generative AI, Responsible AI, LLM