

Chirag Jiwnani

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Education

- SVKM's Dwarkadas J. Sanghvi College of Engineering**
B. Tech in Artificial Intelligence in Machine Learning (2021-2025) **CGPA: 7.01**
- Sri Lal Bahadur Shastri College**
HSC (State Board) (2021) **Percentage: 83.33%**
- Happy Faces - The Concept School**
SSC (CBSE Board) (2019) **Percentage: 90.00%**

Skills

- Programming Languages:** Python, HTML, CSS, JavaScript, C/C++, SQL.
- Frameworks:** React.js, Express.js, Tailwind CSS, Flask, Streamlit.
- Databases:** MongoDB, MySQL.
- Dev Tools:** Visual Studio Code, Git, GitHub, Replit.
- Soft Skills:** Creativity, Collaboration, Project Management, Interpersonal Skills, Attention to detail.
- Languages:** English, Hindi, Sindhi, Spanish (A1).

Projects

- IKSHA – Anti Procastinator Specs** **AI, R-CNN, IOT**
IKSHA is a wearable AI device with a 90% accuracy rate in task recognition that a person performs every day. The glasses can provide feedback on the person's appropriate use and progress towards specific goals by analysing the activities the wearer performs, such as entertainment, sports, driving, coding, and reading.
- Custom Recipe Generator – GenAI based Recipe Generator** **Python, Flask, OpenAI**
Custom Recipe Generator is a recipe generator which takes input of the ingredients available and generates a custom recipe by using OPENAI API.
- Workforce Analytics – Employee Shift Analysis** **Pandas, Data Analysis**
Workforce Analytics is a Python Script to analyse employee timecard data from an Excel file. It implements logic to calculate hours worked Automated analysis of over 1,000 employee timecards, detecting irregular patterns and saving the HR team approximately 20 hours of manual work per month.
- News Analysis – Web Scrapping of News** **NLP, Web Scrapping**
Developed a web scraping and sentiment analysis tool, processing data from over 500 news articles, improving the speed of insights delivery by 30%. Automated extraction and analysis of desired topic from CNBC and Google News. It uses Beautiful Soup, Hugging Face for sentiment Analysis, And pandas for data management.

Experience

- Web Development Intern – Nullclass** **July 2024 - Present**
Currently developing an application replicating YouTube, focusing on front-end and back-end development using modern web technologies. It includes features such as Google Authentication, Searching content, View and Like count, Upload Video, Comment, etc.
- AI Intern – Inventrom Private Limited** **Nov 2023 - Dec 2023**
I worked as an AI Developer Intern at the company. I used multiple python frameworks and libraries to make AI applications. I built applications like AI recipe generator, Image Generator and AI Telegram bot.

Certifications

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