

# CHIRAG VISHWAKARMA

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## Summary

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Aspiring AI Developer and MSc Data Science candidate with practical experience in WhatsApp automation, AI dashboards, and real-time reporting tools. Proficient in Python, JavaScript, MongoDB. Currently exploring LLMs, LangChain, and RAG pipelines. Fast learner with strong problem-solving and communication skills, passionate about creating impactful AI solutions

## Experience

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### AI Developer Intern | Agrawal Packers & Movers Ltd. | December 2024 - Present

- Collaborated on a full-stack Next.js app with MongoDB backend to store data, visualize customer trends, employee performance, and profit & loss using interactive graphs; integrated AI models to generate insights and support decision-making, boosting productivity and business outcomes.
- Developed multiple WhatsApp bots to automate daily business tasks such as sending task alerts, handling data updates, and managing workflows through WhatsApp; integrated Google Sheets and MongoDB for real-time communication and automation.
- Working on an AI-powered marketing poster automation tool using Python (backend) and Next.js (frontend), where users select a festival and location to trigger OpenAI-generated prompts. Automates prompt delivery to Midjourney via Discord using Selenium, generating custom images. Stores images in MongoDB (Base64) and sends them to users on WhatsApp for instant access.

## Projects

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1. **Emotion - Based Music Recommender System**, Developed an AI project leveraging deep learning to detect user emotions via facial expressions and recommend suitable music based on their emotions. The system uses machine learning for real-time emotion analysis and music selection, enhancing user experience through personalized interaction.
2. **Eye - Tracking Mouse**, Developed a functional system using Python and OpenCV for hands-free cursor control via eye tracking. Features include eye gaze tracking for movement, blinks/gestures for clicks, and innovative accessibility solutions for enhanced human-computer interaction..
3. **Ratings Dashboard**, Developed an interactive Power BI dashboard with MySQL to analyze ratings across 9,655 titles by genre, country, and age group. Key insights include a dominance of movies (80.82%) and a post-2000 release surge led by Drama.
4. **Developed an AI-powered E-commerce Customer Segmentation App using Streamlit, Pandas, and Groq's LLaMA 3.3 model**. Integrated dynamic dashboards to analyze customer behavior, predict segments, and generate personalized marketing strategies. Implemented EDA, cohort analysis, and customer comparison features with real-time AI insights and visualizations. Enhanced decision-making by automating strategic recommendations based on purchase history and return rates.

## Skills

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**Languages:-**Python, JavaScript, MySQL

**Data Science & AI:-** Machine Learning, Data Manipulation, LLM, AI Agents,

**DataBases:-**MongoDB, Vector DataBase,

**Cloud:-**Fundamentals of AWS Cloud,Google Cloud Platform

## Education

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**Thakur College of Science & Commerce | Mumbai**

**Msc Data Science | 05/2027**

Relevant coursework: Machine Learning, Deep Learning, Python for Data Science, Big Data Analytics

**MKES Khandwala College**

**Artificial Intelligence and Machine Learning | 05/2025**

CGPA:- 7.48