

Ankush Kashyap

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Education

Chandigarh University

B.E (Computer Science) CGPA: 7.53

Punjab, India

2020-2024

Work Experience

Ascella InfoSec

Software Engineer Intern

Remote

Jul 23-Present

- Spearheaded the **development and enhancement of the Ascella Groups Page**, incorporating interactive verticals and engaging animations to significantly improve user experience and satisfaction.
- Implemented performance **optimization techniques** that resulted in a smoother and more responsive interface, ensuring a seamless user experience across the platform.

WiperSpray

Data Analyst Intern

Mohali

Sep 23-Nov 23

- Analyzed booking patterns, optimized service availability, and **reduced customer wait times by 12%**.
- Implemented process improvements and automation solutions, resulting in **15% increase** in productivity.
- Produced 7+ comprehensive reports and presentations **summarizing findings and recommendations**, for driving actionable outcomes.

Achievements

- Solved **300+** problems on [Leetcode](#).
- Secured **4th** spot in the “Namma Yatri Open Mobility Challenge”.
- Google Hash Code **2022**: Global runners-up with **2281905pts**.
- Secured Silver Medal in International Cyber Olympiad **2017 and 2018**.
- Organized and Managed all Intra & Inter School Activities as a **House Captain**.

Projects

AI Finance Agent | Python, Machine Learning, Llama 3.1, LangGraph, LangChain | [Source Code](#)

- Developed an AI-powered finance assistant using **Llama 3.1 LLM model** and financial tools, enabling accurate retrieval of financial metrics (e.g., EBITDA, total revenue) and delivering insights with a **95% response accuracy**.
- Integrated **7+ financial tools** (e.g., company address, full-time employees, total debt) through **langchain_core**, **improving query resolution time by 40%** compared to manual lookups via traditional APIs.

AI Web Scraper Tool | Python, Machine Learning, LangChain, Llama 3.1, Selenium | [Source Code](#)

- Implemented an AI-driven web scraping tool using **Selenium and BeautifulSoup**, successfully scraping and processing data from over **50+ complex websites** with vital content.
- Integrated **LLaMA 3.1 LLM model** to parse and manipulate large DOM content, improving content extraction efficiency by **30% through intelligent chunking** and prompt-based parsing.

BGMI Game Prediction | Python, Machine Learning, CatBoost Model, SQL | [Source Code](#)

- Created a predictive model using Python and **CatBoost** Model to forecast a player's final placement in BGMI matches with **93% accuracy** on the test set.
- Collected and preprocessed a dataset of over **44,00,000 BGMI gameplay records**, engineering **26 features** related to player statistics, game dynamics, and match conditions.
- Documented project findings in a comprehensive report, quantifying the **model's 93% accuracy**.

Skills

Languages & Technologies: Python, R, Machine Learning, Deep Learning, Transformers, NLP, LLM, RAG

Developer Tools: Jupyter, RStudio, Github, AWS, Streamlit, BeautifulSoup, Selenium

Database: MongoDB, MySQL, Firebase, Snowflake, ChromaDB

Frameworks: Tensorflow, Keras, LangChain, LangGraph, Ollama, Llama Index

Certifications

[Google Data Analytics Professional](#)

[Infosys Data Science Professional](#)

[GFG Machine Learning and Data Science](#)