AYUSH ARYA

Bhimtal ,Uttarakhand

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Education

Graphic Era Hill University   Sep. 2021 – May 2025
Bachelor of Technology in Computer Science and Engineering with Machine Learning   *Bhimtal , Uttarakhand*

Relevant Coursework

- Data Structures
- Software Methodology
- Algorithms Analysis
- Database Management
- Artificial Intelligence
- Internet Technology
- Systems Programming
- Computer Architecture

Experience

Astroverse Pvt Ltd   July 2024 - September 2024
AI Developer intern   *Nainital , Uttarakhand*
- Built an AI chatbot that improved customer support response speed by 20%, increasing operational efficiency.
- Designed a Q&A bot for precise, relevant answers, increasing engagement by 30% through targeted responses
- Experimented with prompt engineering techniques to enhance chatbot accuracy and user experience.
- Documented project milestones and bug resolutions, creating a comprehensive guide for future development..

IIT BHU   March 2024 – May 2024
Research Intern   *Bhimtal , Uttarakhand*
- Developed a user-friendly interface for the Sanchay Tool, reducing onboarding time for researchers by 15%
- Enhanced accessibility of language translation tools, streamlining workflows for efficient and accurate translations.
- Collaborated with research teams to gather requirements, ensuring that UI features met practical needs effectively.
- Created detailed technical documentation, contributing to the knowledge base for ongoing and future projects.

Projects

Movie Mate / *Python, Machine Learning*   May 2024 – June 2024
- Design a Python-based movie recommendation system that customizes movie suggestions .
- Utilized data analysis to improve movie recommendation accuracy, ensuring precise alignment with user preferences.
- Improved user experience by continuously adapting recommendations to individual preferences, aligning intuitively with user tastes.

PDF 2 Chats / *Python, Large Language Models*   July 2024 – April 2024
- Created a conversational interface that enables users to interact with PDF documents by making queries for easy access to information.
- Utilized a large language model (LLM) to design a conversational interface for PDFs, integrating OpenAI APIs for interactive document queries.
- Enhanced productivity and engagement by transforming static PDF data into an interactive, easily accessible format.

Skills

Frontend Development: React, HTML5, CSS3, JavaScript ,Python , Responsive Design, User Interface (UI) Development,Cross-Browser Compatibility, Version Control (Git),Transformers, Hugging Face, PyTorch, TensorFlow, OpenAI API **Technical Skills**: RESTful APIs, JSON, Docker, SQL
Analytical and Operational Skills: Process Optimization, Workflow Automation, Data Monitoring, Operational Risk Management
Soft Skills: Adaptability, Collaboration, Problem-Solving, Effective Communication, Agile Methodology, Time Management, Attention to Detail

Leadership / Extracurricular

NASA Space Apps Hackathon   2024
Participant
- Collaborated on innovative solutions for space and Earth science challenges at this global hackathon.

URSI 2024 International Conference Website   2023
Web Developer
- Designed and developed the official website for ARIES-hosted URSI 2024, improving event visibility and engagement.

Snap India Lens Hackathon   2021
Finalist
- Reached finalist stage by developing creative AR experiences, showcasing expertise in augmented reality.