

# 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*

## Profile Summary

A results-driven software developer specializing in AI-powered solutions and scalable applications. Adept in Python, prompt engineering, and full-stack development using React, Django, and Flask. Experienced in DevOps practices, Agile methodologies, and lifecycle management. Passionate about leveraging cutting-edge technologies to create innovative, user-focused solutions with measurable business outcomes.

## Experience

### Astroverse Pvt Ltd

July 2024 - September 2024

*AI Developer intern*

*Nainital , Uttarakhand*

- Integrated SQL-based pipelines for data handling and storage.
- Used Agile development cycles to enhance recommendation accuracy by 25%.
- 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

- Developed and tested LLM-driven chatbot with Python for real-time query responses .
- Developed NLP-based chatbot functionality using large language models, enhancing document query capabilities.
- Applied DevOps practices for seamless deployment, increasing efficiency by 30%.

## Skills

**Frontend Development:** React, HTML5, CSS3, JavaScript (React.js,Node.js), Responsive Design, User Interface (UI) Development, Cross-Browser Compatibility, Version Control (Git),Transformers, Hugging Face, PyTorch, TensorFlow, OpenAI ,API,Agile, Scrum, DevOps, CICD,Django, Flask, and RESTful API

**Technical Skills:** RESTful APIs, JSON, GraphQL, Cloud Computing (AWS), 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

## Certifications

### AWS Certified Cloud Practitioner

*Issued by Amazon Web Services (AWS)*

*2023*

- Validated foundational knowledge of cloud concepts, AWS services, security, and architecture.

### Microsoft Certified: Azure Fundamentals DP-900

*Issued by Microsoft*

*2024*

- Demonstrated understanding of Azure cloud services, core solutions, and management tools.