

# AYUSH ARYA

Bhimtal ,Uttarakhand

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## Education

### Graphic Era Hill University

Bachelor of Technology in Computer Science and Engineering with Machine Learning

Sep. 2021 – May 2025

Bhimtal , Uttarakhand

### Relevant Coursework

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

## Experience

### Astroverse Pvt Ltd

July 2024 - September 2024

AI Developer intern

Nainital , Uttarakhand

- Developed and deployed an AI-powered chatbot in an agile environment, achieving a 20% improvement in response speed and enhancing customer satisfaction.
- Collaborated with cross-functional teams to align chatbot features with product requirements, contributing to improved product-market fit
- 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.

## Projects

### Movie Mate / Python, Machine Learning

May 2024 – June 2024

- Designed a scalable movie recommendation engine using Python and machine learning algorithms, enhancing user engagement by 25%.
- 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 with Python and LLMs to interact with PDF documents, improving information retrieval efficiency by 30%
- Utilized a large language model (LLM) to generate context-aware responses based on PDF content, streamlining document access.
- Enhanced productivity and engagement by transforming static PDF data into an interactive, easily accessible format.

## Skills

**Frontend Development:** React, HTML5, CSS3, JavaScript , Node js, Python, C, C++, Responsive Design, User Interface (UI) Development, Web Performance Optimization, Cross-Browser Compatibility, Version Control (Git)

**Technical Skills:** RESTful APIs, JSON, Cloud Computing (AWS), Unit Testing, Code Review, Continuous Integration, Docker, SQL, Django, Flask, Pandas, OpenCV, and NumPy.

**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

Issued by Microsoft

2024

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