

- Automated
- Predicted
- Engineered
- Deployed
- Validated

Impact: Improved chatbot accuracy by 25% and reduced onboarding time for research tools by 15% during internships. Designed AI-driven solutions, including a movie recommendation system and an LLM-based chatbot, enhancing user engagement and query efficiency. Earned AWS and Microsoft certifications.

EDUCATION

Bachelor of Technology, Computer Science and Engineering, Graphic Era Hill University , CGPA: 8.20/6 **Sept 2021 — Aug 2025**

PROJECTS

Project: Automated Workflow Management System, **Dec 2024 — Jan 2025**

- Led a team of 5 to design and implement a system to automate workflows, increasing efficiency by 30%.
- Using Python, Django, and React, we built scalable solutions that were integrated into the existing infrastructure.
- Improved a user-friendly interface and integrated third-party APIs to streamline communication and task management.

Project: Real-Time Data Analysis Tool, **Oct 2024 — Nov 2024**

- Designed and improved a tool that allowed real-time data analysis, reducing the time to generate the report by 50%.
- Worked closely with cross-functional teams to understand data requirements and delivered a robust solution for decision-making.
- Oversaw deployment and maintenance, ensuring smooth operation on various platforms and rapid troubleshooting.

Project: Task Management Mobile App, **Jun 2024 — Aug 2024**

- Created a mobile application that allows users to manage and track daily tasks, with an overall user satisfaction rate of 90%.
- Integrated features like push notifications and cloud synchronization to ensure seamless task updates and user engagement.
- Followed best-coding practices and implemented unit testing to guarantee a stable and high-performance app.

EXPERIENCE

AI Intern (Intern) **July 2024 — Sept 2024**

Astroverse Pvt Ltd

Nainital , Uttarakhand

- Developed a chatbot for customer support using Natural Language Processing (NLP), improving response times and user satisfaction.
- Implemented a referral system on the company's website, resulting in a 25% increase in user engagement within the first month.
- Assisted in the back-end development of the company's main page, working with a team to integrate features and optimize performance.
- Conducted testing and debugging to ensure functionality and resolve customer-reported issues.

Backend Development Intern (Intern) **March 2024 — May 2024**

Astroverse Pvt Ltd

Vanarasi, Uttar Pradesh

- Worked on the back-end infrastructure for the company's main website, integrating new features and optimizing API responses.
- Collaborated with front-end developers to ensure a seamless user experience and improve website performance.
- Designed and implemented database schemas to manage user data more effectively, increasing scalability and reliability.
- Assisted in troubleshooting and resolving technical issues, providing support to the team during product launches.

SKILLS

Programming Languages

Python, JavaScript, SQL, C++,Java

Machine Learning

Supervised Learning, Unsupervised Learning, Regression, Classification, Clustering

AI Frameworks

TensorFlow, Keras, PyTorch, Scikit-learn

Data Analysis

Pandas, NumPy, Matplotlib, Data Preprocessing, Feature Engineering

Natural Language Processing

Text Classification, Tokenization, Sentiment Analysis, Chatbot Development

Web Development

Flask, Django, HTML, CSS, JavaScript

Database Management

SQLite, MySQL, Database Design, SQL Queries

Version Control

Git, GitHub, GitLab

Tools and Software

Jupyter Notebook, VS Code, Anaconda, Docker

Soft Skills

Team Collaboration, Problem-Solving, Communication, Attention to Detail

CERTIFICATIONS

- 2025** Certified in AI and Machine Learning, Coursera; Deep Learning Specialization, Coursera; Python for Data Science, edX
- 2024** Introduction to Data Science, DataCamp; Full Stack Web Development, FreeCodeCamp; SQL for Data Analysis, Udacity
- 2023** Machine Learning with Python, IBM;