

Ajay Bora

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PROFESSIONAL SUMMARY

Second-year Bachelor of Technology student focused on Computer Science (AI/ML), equipped with foundational skills in C, Java, Python, and SQL database management. Proven ability to execute end-to-end data workflows using libraries like pandas, numpy, and scikit-learn, documented via Jupyter Notebook and Github. Seeking a Data Science role to apply expertise in data manipulation, visualization (Tableau), and predictive modeling.

WORK EXPERIENCE

Data Science with (AI/ML) intern, YBI Foundation

January 2025 — March 2025

- Built a Weather Prediction model using Python, applying Data Engineering techniques with Pandas and NumPy to preprocess, clean, and manage large datasets for model training.
- Gained hands on experience with Pandas, numpy, matplotlib, seaborn, scikit-learn and other libraries.
- Predicted weather patterns using regression algorithms and python data libraries.

Google Student Ambassador (6 months), Google

August 2025 — January 2026

- Acted as a student representative for Google Gemini, promoting AI/ML technologies and fostering a community of learners.

Data Visualization Intern, Infosys Springboard

Virtua

January 2026 — Present

- Interpreted complex datasets to design and develop interactive dashboards, enabling stakeholders to visualize key performance indicators (KPIs) and trends.
- Performed data cleaning and transformation (ETL) to ensure data accuracy and integrity before visualization.
- Conducted exploratory data analysis (EDA) to identify patterns and actionable insights that support data-driven decision-making.

EDUCATION

Bachelor of Technology in CSE (AI/ML), Amrapali University

Haldwani

August 2024 - Present (Expected Graduation: 2028)

SKILLS

Critical Thinking, Team Working

Programming: C, Java, Python, SQL, HTML

Libraries: pandas, numpy, matplotlib, scikit-learn

Concepts /Frameworks: ML, Data Analysis, OOPS, DSA, Flask

Tools: Jupyter Notebook, Tableau, Github, Excel, Docker, Git

PROJECTS

Weather Prediction Model

January 2025 — March 2026

- An ML-based model that predicts weather using historical and real-time data

Full Library management System

October 2025 — November 2026

- A full-stack library management system that handles book inventory, user accounts, and borrowing records seamlessly

Movie and Anime Recommendation System

May 2025 — May 2025

- Developed a recommendation System Engine using Python and Cosine Similarity.

To-Do-List

January 2026 — January 2026

- Developed a dynamic web application using Python and Flask, implementing robust CRUD (Create, Read, Update, Delete) operations for efficient task management.
- Integrated User Authentication to secure personal data and deployed the finalized project structure to GitHub for version control.

Virtual Assistant

April 2025 — April 2026

- Engineered a multi-functional Virtual Assistant using Python, integrating third-party APIs (OpenWeatherMap, NewsAPI, and Spotify) to deliver real-time data and media control.
- Developed automated workflows to fetch and parse JSON data, providing users with instant updates on weather conditions, top news headlines, and personalized music playback.