ANSHIKA AGGARWAL

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Education

Graphic Era Deemed to be University	**2022-Present**
B.Tech in Computer Science and Engineering	*CGPA: 8.83/10*
Convent of Jesus and Mary, Dehradun	**2022**
Class XII	*Percentage: 92.4%*
Convent of Jesus and Mary, Dehradun	**2020**
Class X	*Percentage: 91.6%*

Projects

Harvestica – Better Crops, Better Yields (Sept 2024 – Jan 2025)

– Built an AI-powered platform using machine learning on agricultural datasets to recommend crops, fertilizers, and detect plant diseases.

– Tech Stack: React, Vite, Tailwind CSS, Flask, Python, TensorFlow, Google Sign-In (OAuth 2.0)

Smart Travel Planner Using AI (March 2024 – June 2024) **Project Demo**

– Developed an AI-driven travel planning app with automated itineraries, real-time insights, expense tracking, and group coordination features.

– Tech Stack: React, Vite, Tailwind CSS, Node.js, Express, Google Maps API, Google Sign-In (OAuth 2.0)

MCQ Generator Using AI (Nov 2023 – Dec 2023) **Project Demo**

– Developed an AI-powered MCQ generator using NLP and machine learning to automate question creation and adaptive assessments.

– Tech Stack: HTML, CSS, JavaScript, Flask, Python, Google APIs

Technical Skills

– **Languages:** Python, JavaScript (ES6+), C++, Java

– **LLMs & GenAI:** LangChain, OpenAI API, RAG, Prompt Engineering, Hugging Face, FAISS

– **ML/Deep Learning:** scikit-learn, TensorFlow, PyTorch, Recommender Systems, Clustering, Classification

– **Data Analytics:** Pandas, NumPy, Seaborn, Tableau, PostgreSQL, Metabase

– **Web Development:** React.js (with Vite), Node.js, Express.js, Flask, REST APIs

– **DevOps/MLOps:** Docker, GitHub Actions, MLflow (Basic), Kubernetes (Familiar)

– **Tools:** Git, GitHub, VS Code, Postman, Jupyter

Certifications

AWS Certified Cloud Practitioner

Foundations of Coding Full-Stack: Completed an online non-credit course authorized by Microsoft and offered through Coursera.

Machine Learning With Big Data: Completed an online non-credit course authorized by the University of California, San Diego, and offered through Coursera.

Scholastic Achievements

Earned recognition in competitive programming contests for developing innovative and optimized solutions to complex challenges.

ISC2008 Scholarship: Awarded for achieving the highest score in Mathematics (2021-2022).