

ANSHIKA AGGARWAL

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Education

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

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:** C++ (Proficient), Python, Java
- **Web Development:** JavaScript (ES6+), React.js, Node.js, Flask, HTML5, CSS3
- **Machine Learning:** scikit-learn, TensorFlow, Data Preprocessing, Model Training
- **Database Systems:** SQL, MySQL, PostgreSQL, MongoDB
- **Cloud & DevOps:** AWS (RDS, EC2 – basic), Docker (basic), GitHub Actions (CI/CD)
- **Version Control:** Git, GitHub
- **Tools & Technologies:** VS Code, Postman, REST APIs, Object-Oriented Programming

Certifications

AWS Certified Cloud Practitioner

Coursera Machine Learning Certification: Hands-on training in AI and real-world ML applications.

Artificial Intelligence Workshop: Practical experience with TensorFlow and Keras for deep learning.

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).