

# ANSHIKA AGGARWAL

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## Education

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### Graphic Era Deemed to be University

*B.Tech in Computer Science and Engineering*

**2022-Present**

*CGPA: 8.83/10*

### Convent of Jesus and Mary, Dehradun

*Class XII*

**2022**

*Percentage: 92.4%*

### Convent of Jesus and Mary, Dehradun

*Class X*

**2020**

*Percentage: 91.6%*

## Projects

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### 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

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- **Programming Languages:** C++ (Proficient), Python, Java, JavaScript (ES6+)
- **Frontend Technologies:** HTML5, CSS3, React.js, Tailwind CSS
- **Backend Technologies:** Node.js, Express.js, Flask, Django (MVC), RESTful APIs
- **Databases:** MongoDB, MySQL, Oracle SQL
- **Developer Tools:** Git, GitHub, Postman, VS Code, GitHub Actions (CI/CD), Docker (Basic)
- **Cloud Platforms:** AWS (EC2, RDS – Basic), MongoDB Atlas
- **Software Development Concepts:** Object-Oriented Programming (OOP), MVC Architecture, Problem Solving, Software Design Principles

## Certifications

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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

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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).