

# Swati Gautam

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## EDUCATION

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### Uttaranchal University, Dehradun

- **Master of Computer Applications (MCA)** | 2024 – 2026 | **CGPA: 7.9/10** (Till Date)  
**Relevant Coursework:** Software Engineering, DBMS, Artificial Intelligence
- **Bachelor of Computer Applications (BCA)** | 2021 – 2024 | **CGPA: 7.9/10**  
**Relevant Coursework:** Data Structures & Algorithms, Data Analysis, Operating Systems, Cloud Computing

### Lamba Convent Sr. Sec School | CBSE Board

- **Class 12th, 2021 | Percentage:** 81.4
- **Class 10th, 2019 | Percentage:** 87.2

## PROJECTS

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### Palette-Genie | Oct 2024

- **Developed a web-based tool** that extracts dominant color palettes from user-uploaded images using image processing techniques.
- **Enabled dynamic display** of hex codes for easy use in design workflows, **improving UI/UX customization** for designers and developers.
- **Tech Stack:** HTML, CSS, JavaScript, Python, Flask, Flask-CORS

### IkigAI – AI-Powered Career Advisor | Jan 2025

- Built an interactive web app **based on the Japanese concept of *Ikigai*** to help users identify their purpose by evaluating interests, skills, passions, and market demand.
- Integrated logic to analyze user responses and **generate personalized feedback**, enhancing decision-making for career or personal growth.
- **Tech Stack:** HTML, CSS, JavaScript, Python(flask/Django)

## CERTIFICATES

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- **Geodata using Python and Machine Learning** - IIRS ISRO
- **CyberSecurity & Networking** – Cisco
- **Python 101 for Data Science** - IBM Cognitive Class
- **Introduction to Machine Learning and AI** - Google Cloud

## TECHNICAL SKILLS

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**Programming:** Python, Java, SQL.

**Web Development:** HTML, CSS, JavaScript,

**Backend Development:** Flask (Python)

**Data Analysis:** Data Preprocessing, Data Analysis, Visualization.