



## SAMITA KHANDURI

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## Objective

I am a motivated Computer Science undergraduate with a specialization in Data Science. Eager to apply academic knowledge and internship experience to real-world projects and gain deeper insight into industry practices through impactful internship opportunities.

## KEY SKILLS

- **Languages & Tools:** Python, C++, JavaScript, HTML, CSS, Git, Command Line, MS Excel
- **Frameworks & Libraries:** Flask, PyTorch, Pandas, NumPy, scikit-learn
- **Data Proficiency:** Data Preprocessing, Analysis, Visualization (matplotlib, PowerBI), Web Scraping
- **Concepts:** Machine Learning, Deep Learning, YOLOv10, Model Evaluation

## Certifications

- *The Complete Python Bootcamp* — Udemy
- *Python and Flask Bootcamp: Create Websites using Flask!* — Udemy
- *Machine Learning A-Z* — Udemy

## Education

**Quantum University, Roorkee(2022-2026)** B.Tech in Computer Science & Engineering (Specialization: Data Science).

CGPA- 8.13

**KVS No.1 Roorkee(Intermediate-2022)** Physics, Chemistry, Maths

Percentage- 88

**Doon Public School(Highschool-2020)**

Percentage- 89.8

## Internship Experience

**Machine Learning Intern — Inonetecx Inc. (Remote, Dec 2024 – Mar 2025)**

- Contributed to a live project using Python, Flask, and machine learning algorithms, which is deployed by the company.
- Developed a secure user authentication system and optimized application performance with ML techniques.
- Collaborated effectively with a remote team to troubleshoot issues and deploy features.

## Projects

### Yoga Pose Detection System

- Developed a real-time pose detection and correction system using YOLOv10, PyTorch, and MediaPipe.
- Processed and labeled datasets; trained and validated deep learning models.
- Made for our reaserch paper and have a patent published on this project.

### Loan Recommendation System

- Built a predictive ML model to assess loan eligibility based on credit scores.
- Applied data preprocessing, feature engineering, and visualization techniques.

