

# Harsh Agrawal

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## EDUCATION

### University of Petroleum and Energy Studies

*B.Tech in Computer Science (AI/ML); CGPA: 8.47*

### S.D. Public School

*Senior Secondary (CBSE); Percentage: 83.6%*

### Mother Athena School

*High School (CBSE); Percentage: 79.8%*

Dehradun, Uttarakhand

*Aug 2022 – May 2026*

Muzaffarnagar, Uttar Pradesh

*2021*

Badaun, Uttar Pradesh

*2019*

## TECHNICAL SKILLS

**Languages:** Python, C/C++, SQL

**Frameworks:** PyTorch

**Developer Tools:** MS SQL Server, VS Code, Visual Studio, Anaconda

**Libraries:** Pandas, EasyOCR, torchvision, torch.nn

**Coding Profiles:** Leetcode, HackerRank

## EXPERIENCE

### Internship | MS SQL Server

*National Informatics Centre Services Inc.*

June 2025 – July 2025

*Laxmi Nagar, Delhi*

- Gained hands-on experience with SQL Server Management Studio (SSMS) and SQL Server Reporting Services (SSRS).
- Developed an interactive dashboard to visualize Census data for the years 2001 and 2011.

### Industrial Trainee | BaaN

*Jubilant Agri & Consumer Product Ltd.*

June 2024

*Ghaziabad, Uttar Pradesh*

- Observed manufacturing workflows, quality control procedures, and ERP system operations (BaaN).
- Gained exposure to adhesive production processes and packaging techniques.

### Internship | Python

*Pardada Pardadi Educational Society*

June 2023 – July 2023

*Bulandshahr, Uttar Pradesh*

- Developed a Telegram bot to manage attendance, out-pass system, and announcements for students and teachers.
- Enabled communication between teachers and the administration.
- Integrated ChatGPT to help students with instant answers during class.

## PROJECTS

### Vision - OCR Powered | PyTorch, Kaggle, Jupyter Notebook

Jan 2025 – Apr 2025

- Converted images/PDFs to machine-readable text using EasyOCR.
- Used BART-large MNLI model to determine whether text is AI- or human-generated.

### PathFinder for UPES | C++, NodeJS

Aug 2024 – Nov 2024

- Created a webpage for students, faculty, and visitors to navigate the campus efficiently.
- Handled dynamic pathfinding across campus zones.

## EXTRACURRICULAR ACTIVITIES

### Discipline Committee Member

*University of Petroleum and Energy Studies*

Aug 2023 – Jan 2025

*Dehradun, Uttarakhand*

- Gained experience in group management, networking, and event coordination.
- Supported major university events including convocation and fresher's party.