

# Jeevansh Ahuja

9891292692 | [jeevanshahuja@gmail.com](mailto:jeevanshahuja@gmail.com) | [Linkedin](#) | [Leetcode](#) | [Github](#) | [Portfolio](#) | [Code 360](#)

## TECHNICAL SKILLS

**Languages:** Python, Java, C, SQL

**Frameworks / Libraries:** TensorFlow, Pandas, NumPy, Matplotlib, Seaborn, Git, MS Excel, Tableau

**Coursework:** Data Structures and Algorithms, Operating Systems, Computer Networks, Distributed Systems, Machine Learning, Information Retrieval, Natural Language Processing, Object-Oriented Programming

**Tools & Environments:** Unix/Linux, VS Code, Eclipse, IntelliJ IDEA, PyCharm, GitHub

## KEY STRENGTHS

Analytical Problem Solver | Distributed Systems Understanding | Machine Learning Enthusiast | Fast Learner | Effective Communicator

## RELEVANT EXPERIENCE

### Natural Language Processing Intern

CDAC (Centre for Development of Advanced Computing) | Feb 2025 – Present

- Developed transliteration models for the Indian language using Python, improving transliteration accuracy by 5%.
- Processed 300K+ multilingual text records, increasing diversity in data by 35%.
- Gained exposure to large-scale data processing, model validation, and deployment strategies.

### University Data Science Bootcamp

Sharda University | May 2024 – June 2024

- Built end-to-end pipelines using Python, SQL, and Pandas for real-world datasets.
- Identified demand patterns from 29 K+ Uber ride records; optimized peak hour prediction with a 40% faster runtime.
- Practiced structured analysis, visualization, and hypothesis validation using Jupyter and Tableau.

## PROJECTS

### Multilingual Transliteration Model – CDAC Internship

- Fine-tuned mBART for transliteration across Indian languages, achieving BLEU: 66.29, CHRF: 82.18, TER: 23.95.
- Handled preprocessing and cleaning for 300K+ entries, optimizing character-level accuracy and inference latency.

### Toxic Comment Classifier – [\[LIVE LINK\]](#)

- Built a text classification model using TF-IDF and 1D CNN, achieving 95% accuracy on toxic comment detection.
- Designed the architecture for low-latency inference suitable for real-time filtering in forums and chat systems.

### COVID-19 Vaccine Analysis – [\[LIVE LINK\]](#)

- Analyzed 7.6 K+ rows with 24 attributes to uncover distribution inequalities across Indian states using Pandas and Tableau.
- Recommended 3 regional policy shifts based on distribution gaps revealed through heatmaps and box plots.

## ACHIEVEMENTS AND CERTIFICATIONS

- Led team to Top 30 college rank in Smart India Hackathon (SIH) as lead presenter and problem-solver.
- Headed Ideathon innovation sprint; proposed scalable NLP-based solution.
- Solved 450+ DSA problems across LeetCode and Code360, improving coding efficiency and speed by 2x.
- Certifications: Python Crash Course (Google), Data Science with Python, Exploratory Data Analysis (Infosys Springboard), Java Foundation (Oracle).

## EDUCATION

### Sharda University – Greater Noida, India

Bachelor of Technology, Computer Science & Engineering | Minors in Data Science

Oct 2022 – June 2026

CGPA: 8.3