Khushi Narang

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🏛 PROFILE SUMMARY

Pursuing a Bachelor's in Computer Science and Engineering with a specialization in Artificial Intelligence and Machine Learning. Strong team player with a commitment to continuous learning and growth. Eager to apply academic knowledge through opportunities in software engineering, ML engineering, to gain hands-on experience and contribute to innovative projects.

🏛 ACADEMIC QUALIFICATIONS

B.Tech CSE (AI&ML)	8.5	Sharda University, Greater Noida	*2023–present*
12th Board CBSE (PCM)	89%	The Khaitan School, Noida	*2022-2023*
10th Board CBSE	92%	The Khaitan School, Noida	*2020-2021*

🏆 ACHIEVEMENTS

- Merit Scholarship – Sharda University, 2024

</> INTERNSHIP

Noida Power Company Limited (NPCL) | Intern   *May, 2025 –July, 2025*

- Developed an automated Meter Inspection System using Ultralytics YOLOv12s (detection), YOLOv11s (classification), Google Gemini Flash API (OCR), and CVAT for annotation.
- Deployed on the company's internal application with Flask and SQLite, featuring secure authentication, inspection history tracking, and automated report generation.
- Achieved 85%+ seal detection accuracy with real-time image processing, reducing manual effort and ensuring reliable large-scale field deployment.

</> PROJECTS

Project Title – ISL Avatar   *July, 2025- present*

- Designing and implementing a system to convert spoken English into Indian Sign Language (ISL) using real-time speech recognition and gloss generation.
- Developing 3D avatar animations for ISL signs with video playback functionality.
- Implementing translation history storage and a user-friendly interface for accessibility.

Project Title – IDFC Bank Credit Card Default Prediction   *January, 2025 – Feburary, 2025*

- Processed high-dimensional data (12,000+ attributes, 98,000+ entries) from IDFC Bank using Vaex for fast analysis.
- Handled missing values using XGBoost and resolved class imbalance with BorderlineSMOTE.
- Built a Random Forest ensemble model, optimizing for precision, recall, and F1-score.

Project Title – Sales Dashboard   *November, 2024*

- Developed an interactive Power BI dashboard to track revenue trends, regional performance, and product sales.
- Integrated multiple data sources, automated monthly email insights, and improved decision-making with data-driven visualisations.

CERTIFICATIONS

Java Foundations	Oracle Academy	2025
Flutter Training	Ainwik Infotech *with Sharda University*	2025
Java Fundamentals	Oracle Academy	2024
100 Days of Code: The Complete Python Bootcamp	Udemy	2023

SKILLS

Technical Skills: Java, Python, C, OpenCV, Pandas, NumPy, Matplotlib, Flask, Beautiful Soup, Machine Learning, Web scraping
Tools & Platforms: SQLite, GitHub, Google Colab, Jupyter Notebook, Google Gemini API, Power Bi
Soft Skills: Teamwork, Leadership, Problem-Solving, High sense of duty

CO-CURRICULAR/ EXTRA CURRICULAR ACTIVITY

Secretary – Technova Technical Society   **2025-26**

- **5th International Conference on Advances and Applications of Artificial Intelligence and Machine Learning -** Volunteer *Sharda University, 2025*
  Received a Certificate of Appreciation for contributing to a global academic event organized with Springer and Scopus.
- **Launch Into Tech: Freshers' Essentials** - Technical Event Host, *Sharda University, 2025*
  Moderated and hosted a two-day virtual workshop series for 1st-year students, introducing expert speakers and facilitating Q&A sessions on topics like Web Development, AI/ML, and Cybersecurity.
- **Involved in organizing multiple events under Technova.**

Hackathons

- **iAccelerate Hackathon, Infosys 2025 -** Indian Sign Language Avatar for real-time translation
- **Technovation Hackathon, Sharda University, 2025-** Smart grid system for planning urban cities
- **Convolve 3.0, Pan IIT AI/ML, 2025 -** Credit card default prediction on IDFC Bank data