

# Shahid Ansari

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## SKILLS

- **Languages:** Java, Python, C, C++, JavaScript
- **Frameworks:** PyTorch
- **Tools/Platforms:** MySQL, Excel, Power BI, Figma
- **Soft Skills:** Problem-Solving Skills, Adaptability, Leadership Qualities

## PROJECTS

**Indian-Restaurant Finder | HTML, CSS, Java Script | [GitHub](#)** Jan 2025 – Aug 2025

- Developed a responsive restaurant discovery web application using Next.js (App Router) and TypeScript.
- Built reusable React components (Restaurant Cards, Filters, Header, Cuisine Sections) following component-based architecture.
- Implemented dynamic filtering and interactive UI features to enhance user experience.
- Integrated backend functionality via Next.js API routes.

**Waste Management Analysis using Kaggle Dataset | Python, PyTorch | [GitHub](#)** Jan 2025 – Aug 2025

- Developed an image classification model using PyTorch and EfficientNet-Bo
- Performed data preprocessing and augmentation for improved model generalization.
- Implemented transfer learning for recyclable vs organic waste classification.
- Evaluated model using accuracy and loss metrics.

**Smart Water Usage Analytics| Pandas, NumPy, Scikit-learn | [GitHub](#)** Oct 2025 – Dec 2025

- Performed data preprocessing using Pandas & NumPy.
- Implemented K-Means clustering for usage pattern segmentation.
- Used EarlyStopping to prevent overfitting.
- Designed and trained LSTM Autoencoder using TensorFlow/Keras
- Visualized consumption patterns using Matplotlib & Seaborn.

## Extra-Curricular Activities

- Participated in a Hackathon hosted on Unstop, collaborating in a team-based problem-solving environment.
- Actively participated in the One India Event, contributing to event activities and coordination.
- Keen interest in playing cricket, demonstrating teamwork, discipline, and strategic thinking.

## CERTIFICATES

- Introduction to Image Processing |Coursera – [Link](#) Dec - 2025
- Introduction to Hardware and Operating System |Coursera – [Link](#) Nov-2025
- Computer Communication | Coursera – [Link](#) Feb - 2024
- Programming Using C++ | Infosys | [Link](#) Oct - 2023

## EDUCATION

- **Lovely Professional University** Phagwara, Punjab  
*Bachelor of Technology - Computer Science and Engineering* Aug 2023 - Present
- **+2 Shri Krishnan Intermediate college** Mohania, Bihar  
*Intermediate- Percentage: 65* Apr 2020 - Mar 2022
- **Upgraded Higher Secondary College Kathej** Mohania, Bihar  
*Matriculation- Percentage: 75* Apr 2019 - Mar 2020