

Himanshu Mishra

Computer Science (AI-ML) Undergraduate | Python, Java, ML Projects | Remote

Internship Ready | Kanpur, Uttar Pradesh, India

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EDUCATION

Axis Institute of Technology and Management

B.Tech in Computer Science (AI-ML) / SGPA: 8.59/10 / AKTU

Kanpur, UP

Sept 2023 – July 2027

Senior Secondary (CBSE): 89% (2022) | Secondary (CBSE): 86% (2020)

TECHNICAL SKILLS

Programming Languages: Python, C, Java

Machine Learning: Scikit-learn, Pandas, NumPy, Data Preprocessing, Model Training & Evaluation

Web Technologies: HTML, CSS

Databases: SQL

Developer Tools: Git, GitHub, Jupyter Notebook

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming

EXPERIENCE

Java Developer Virtual Intern

EduSkills

Remote

Oct 2025 – Dec 2025

- Worked on core Java programming: OOP, control structures, exception handling, and debugging
- Built and tested console-based applications to strengthen problem-solving and design skills

AI-ML Virtual Intern

EduSkills

Remote

July 2024 – Sept 2024

- Completed hands-on modules in data preprocessing, model training, and evaluation using Python
- Implemented ML algorithms for predictive analytics and classification tasks

PROJECTS

Stampede Prevention Prototype | Python, OpenCV, YOLOv8, Computer Vision

Developed a computer vision-based system to detect crowd density and high-risk movement patterns.

Implemented object detection and tracking using YOLOv8 for real-time video stream analysis.

Evaluated multiple deep learning models to optimize detection accuracy and performance.

Fake News Detection System | Python, Scikit-learn, Pandas, NumPy, Machine Learning

Built an ML classification system to identify fake vs real news using preprocessed Kaggle dataset.

Implemented end-to-end pipeline: data preprocessing, feature extraction, model training, and evaluation.

Trained and compared multiple classification algorithms to assess and optimize model performance.

Personal Portfolio Website | HTML, CSS, Responsive Design

Designed and developed a fully responsive portfolio website showcasing projects and technical skills.

Applied mobile-first design principles and built reusable UI components for cross-device compatibility.

CERTIFICATIONS & ACHIEVEMENTS

Java (Basic) – HackerRank | **Responsive Web Design** – freeCodeCamp

AI Fundamentals – IBM SkillsBuild | **Git & GitHub** – Version control training

Competitive Programming: Actively solving DSA problems on LeetCode and GeeksforGeeks

EXTRACURRICULAR ACTIVITIES

College Coding Contest (2024) – Developed IoT-based Gas Leakage Detection prototype

Axis Hacksprint - National Level Hackathon (2025) – Built AI-based stampede prevention prototype