 7877807017

 kanishk.jain0510@gmail.com
KANISHKJAIN@JKLU.edu.in

 Kanishk Jain — knyshk

Permanent Address:
Diwan's Building, Munshi Bazaar, Alwar, Rajasthan

Kanishk Jain

Introduction

Computer Science undergraduate at JK Lakshmipat University, with a completed semester exchange at IIT Jammu, where I studied Design and Analysis of Algorithms, Principles of Programming Languages, and Computer Networks. Skilled in Python, web development, and UI/UX design, with hands-on experience in machine learning, large language models (LLMs), and full-stack application development. Strong foundation in HTML, CSS, JavaScript, and Data Structures & Algorithms. Currently in the 5th semester, focusing on Deep Learning, Artificial Intelligence, Generative AI, and applied research-driven problem solving.

Education & Ratings

JK Lakshmipat University   **August 2023 - Present**
Bachelor of Technology in Computer Science & Artificial Intelligence.   *CGPA - 7.459*

IIT Jammu   **January 2025 - May 2025**
Visiting Student - B.Tech in Computer Science & Engineering.

12th Standard - 85.2%   **2022**
10th Standard - 88.8%   **2020**

Certifications

– Python Programming [University of Michigan] - Coursera

– Crash Course on Python [Google] - Coursera

– C Programming - Infosys Springboard

– C for Everyone [University of California, Santa Cruz] - Coursera

– HTML, CSS [Scrimba] - Coursera

– Introduction to Web Development [IBM] - Coursera

– AI Vicharana Shala - IIT Ropar AI Bootcamp

– AI & ML Masterclass - Scaler

Contest Ratings

– CodeChef - 1239 (1 star)

– LeetCode - TBD

Skills

– **Languages -** Python, C/C++, JavaScript, HTML/CSS, SQL, MongoDB, Kotlin.

– **Frameworks/Libraries -** NodeJS, ReactJS, ExpressJS, Bootstrap, Tailwind CSS, Numpy, Pandas, Matplotlib, OpenCV, TensorFlow, Keras, NetworkX, LangChain, Streamlit.

– **Tools/Platforms -** Git, GitHub, VS Code, Jupyter, Google Colab, ChromaDB, OpenSSL, Wireshark, Ubuntu CLI, API Integration.

– **Courses -** Data Structures and Algorithms, Machine Learning, Computer Networks, Digital Electronics, Computer Architecture, Principles of Programming Languages, Deep Learning, Artificial Intelligence, Generative AI, Large Language Models, Matrix and Computations.

– **Soft Skills -** Leadership, Collaboration, Planning, Problem Solving, Event Management, Analytical Thinking, Communication.

Projects

News Explorer — Personal News Analyst (RAG + Agent)

– Built a news analysis system combining RSS feed scraping, vector database storage, and AI-based Q&A using Retrieval-Augmented Generation and LangChain agents. Integrated Gemini LLM API, live news APIs, ChromaDB, and Streamlit for real-time, contextual responses with interoperability between OpenAI GPT and Google Gemini.

– **Skills -** Python, LangChain, RAG, Generative AI, LLMs, Streamlit, ChromaDB, API Integration, Data Engineering.

Performance Analyzer for TCP, UDP, and QUIC

– Built a client-server setup to compare the performance of TCP, UDP, and QUIC using iperf, analyzing throughput, latency, and packet loss under varied network scenarios.

– **Skills -** C Programming, Python Programming, Ubuntu CLI, GCC, Client and Server architecture, Socket programming, OpenSSL, Networking Concepts, DNS Implementation, Packet sniffing and spoofing, Wireshark.

Stock Price Predictor

– Developed a Python-based model to predict stock prices using historical data and ML algorithms, currently integrating live APIs for real-time prediction and visualization.

– **Skills -** Python, Machine Learning, Data Analysis, API Integration, Matplotlib, Pandas.

Hostel Cleanliness Management System

– Designed a web-based system for managing hostel cleanliness operations with live slot booking and task tracking using JavaScript and SQL backend.

– **Skills -** HTML, Tailwind CSS, NodeJS, SQL, JavaScript, Web Development.

Experience / Position & Responsibility

Event Coordinator, SABRANG'23 (Cultural Fest)   September 2023 - October 2023
Coordinated the General Knowledge Quiz Event in SABRANG'23 - The Cultural Fest at JK Lakshmipat University.

Event Coordinator, Nakshatra Club (Astronomy Club)   September 2023 - April 2024
Organized stargazing sessions and technical discussions on astronomical phenomena.

Volunteer, PRODYOGEEK'23 (Technical Fest)   September 2023
Volunteered in Sponsorship & Promotion Team and assisted in event design and logistics.

Hackathons & Competitions

– HackJKLU 3.0 - Hackathon at JK Lakshmipat University

– LNMHacks - Hackathon at LNM Institute of Information Technology

– Completed WebDev internship in **MERN Stack Development** at **WebClan.in**   May 2025 – July 2025

Extracurricular & Achievements

– Awarded 100% merit scholarship in the 1st year and 75% merit scholarship in the 2nd year.

– Completed Semester Exchange Program at IIT Jammu, strengthening expertise in Algorithms and Computer Networks.

– Participated in university-level sports including basketball, badminton, table tennis, and chess.

Hobbies

Competitive programming, coding, basketball, badminton, table tennis, chess, photography, astronomy, stargazing, and reading novels (science fiction, biographies, and fiction).