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Kanishk Jain

Introduction

Computer Science undergraduate at JK Lakshmipat University, currently in my 4th semester and studying at IIT Jammu for one semester as part of a semester exchange program. Passionate about technology and innovation, with growing expertise in Python programming, web development, UI/UX design, and AI. Backed by a foundation in HTML, CSS, and JavaScript, and actively strengthening my grasp on Data Structures & Algorithms. With a solid academic record in programming, digital electronics, and advanced mathematics, I am eager to explore opportunities that challenge my skills, expand my knowledge, and allow me to contribute to impactful and forward-thinking projects.

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- Bachelors of Technology in Computer Science & Engineering.   *CGPA -*

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

- Digital Footprint [University of Edinburgh] - Coursera

- HTML, CSS [Scrimba] - Coursera

- UI / UX Portfolio with GitHub - Coursera

- Introduction to Web Development [IBM] - Coursera

- AI Vicharana Shala - IIT Ropar AI Bootcamp

- AI & ML masterslass - Scaler

Contest Ratings

- Codechef - 1239 (1 star)

- Leetcode - DSA

Skills

- **Languages -** Python, C/C++, Javascript, HTML/CSS, SQL, MongoDB.

- **Frameworks/Libraries -** NodeJS, Bootstrap, Numpy, Pandas, Matplotlib, OpenCV, Tensorflow, NetworkX.

- **Courses -** Data Structures and Algorithms, Machine Learning, Computer Networks, Digital Electronics, Computer Architecture, Principles of Programming Language.Python, Tkinter, GUI Development.

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

Projects

Hostel Cleanliness Management System

– Designed an easy to use, user friendly website for the easy and efficient handling of the cleanliness system.

– Live slot booking using JS

– **Skills -** HTML, Tailwind CSS, NodeJS, SQL

Performance Analyzer for TCP, UDP, and QUIC

– Created a client-server setup to compare the performance of TCP, UDP, and QUIC protocols using tools like iperf.

– By generating different traffic scenarios, we measured and analyzed throughput, latency, packet loss, and connection setup time to understand the strengths and weaknesses of each protocol.

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

Live Weather Report Application

– Designed a weather application designed for the given functionalities - Live weather updates, World clock.

– Built a user-friendly interface using Python's Tkinter library to ensure a visually appealing & interactive UI/UX.

– **Skills -** Python, Tkinter, GUI Development.

Experience / Position & Responsibility

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

Event Coordinator, Nakshatra Club   September 2023 - April 2024
Astronomy Club, JK Lakshmipat University.

Volunteer, PRODYOGEEK'23 (Technical Fest)   September 2023
Volunteered in Sponsorship & Promotion Team and Design in PRODYOGEEK'23 - The Technical Fest, JK Lakshmipat University

Hackathons & Competitions

– HackJKLU 3.0 - Hackathon in JK Lakshmipat University

– LNMHacks - Hackathon in LNM Institute of Information Technology

Extracurricular & Achievements

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

– Completed a Semester Exchange Program at IIT Jammu, collecting more knowledge in DSA and Computer Networks

– Participated in Smart India Hackathon 2024

– Participated in the Annual Sports Fest JK Lakshmipat University

Hobbies

Competitive programming, coding, playing basketball, badminton, table tennis, and chess. Reading novels (science fiction, biographies, and fiction) and being interested in star gazing and astronomy and photography.