Lakshya Jha

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Summary

Aspiring Software Engineer with a strong foundation in programming, data structures, and full-stack development. Experienced in real-world projects and team collaboration. Eager to contribute to impactful solutions.

Education

Jaypee University Of Engineering And Technology	May 2022 – May 2026
Bachelor of Technology in Computer Science	CGPA: 8.4
Christ Senior Secondary School	2022
Senior Secondary Education (12th)	Percentage: 83%
Christ Senior Secondary School	2020
Secondary Education (10th)	Percentage: 85%

Experience

Creative Content Writer — *Remote*
Writer's Pocket — *Sept 2023 – Oct 2023*

- Created creative and poetic content for Writer's Pocket's monthly anthology.
- Developed engaging literary pieces, enhancing the artistic appeal of their publication.
- Contributed to thematic storytelling and poetry selection for the anthology.

Hackathon Finalist: Build-a-thon — *Online*
Saras AI Institute (Completed) — *November 2024*

- Developed a humorous chatbot to solve coding queries using **Flowise AI tool**.
- Collaborated with a team of four to design an interactive AI-powered solution.
- Implemented a conversational AI model with a focus on engagement and humor.

Projects

Crime Data Analysis

- Built a data visualization dashboard to identify **crime hotspots** and **time-based trends**.
- Conducted exploratory data analysis (EDA) to extract insights for law enforcement.
- Tools Used: Python, Power BI

Guardian Grid – Crime Safety Web App

- Developed a crime and safety web platform providing **real-time crime statistics, safety measures, alerts for crime-prone areas, live location sharing, and online security help**.
- Implemented **authentication and data-driven insights** to enhance safety awareness.
- Tools Used: React.js, Tailwind CSS, FastAPI, Firebase, Geolocation APIs

Technical Skills

Languages: C++, C, Python, SQL, JavaScript (Basic Java)
Tools and Technologies: Power BI, React.js, Tailwind CSS, MySQL, Git/Github, Python libraries for data analytics
Course Work: Operating System, Database Management, Data structures & algorithms, Software Engineering

Certifications and Achievements

- Data Science and Analytics - **HP LIFE**
- Build-a-thon - **Saras AI Institute**
- Winner - 30 min instant poetry competition (2023, 2024)