LOKESH SHARMA

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OBJECTIVE

A highly motivated and detail-oriented Computer Applications student specializing in Cyber Security, with hands-on experience in Python development, backend systems, and full-stack applications. Skilled in core programming, networking fundamentals, and Unix/Linux system administration. Eager to apply my technical knowledge, problem-solving skills, and collaborative mindset in a challenging role as a Network/System Engineer, contributing to innovative and scalable technology solutions.

EDUCATION

Bachelor's of Computer Applications (Cyber Security), The ICFAI University, Jaipur   Expected 2025

SKILLS

Technical Skills	Python, MySQL, Data Visualization & Analysis, Databricks, Azure Data Factory.
Behavioural Skills	Communication, Time Management, Critical Thinking, Creativity, Leadership.

EXPERIENCE

React Junior Develpment   May 2023 - Sept 2023
First Ricoz pvt.ltd   *Kolkata*

- Developed scalable and reusable React components with a focus on clean, modular architecture.
- Gained expertise in React hooks (useState, useEffect, useContext) for state and lifecycle management.
- Improved app performance by implementing lazy loading, memoization, and React's reconciliation techniques.

Python Developer Intern   May 2024 - July 2024
IBV Technologies Pvt Ltd   *Jaipur*

- Gained hands-on experience in developing backend applications using Python.
- Improved skills in writing clean, modular, and maintainable code.
- Performed CRUD operations and integrated SQL databases with Python.
- Used Git and GitHub for version control and collaborative development.

PROJECTS

Chatbot for Customer Support. Through this project, I gained hands-on experience in "Natural Language Processing (NLP)" and "Retrieval-Augmented Generation (RAG)" by building an AI-powered chatbot for customer support. I learned how to integrate "LLMs (GPT-4, Claude) with FAISS vector search", enabling the chatbot to retrieve and generate highly relevant responses. Additionally, I explored API integration with OpenAI and LangChain to enhance conversational accuracy. The project also strengthened my understanding of cloud deployment, as I deployed the chatbot using FastAPI and Streamlit, ensuring scalability and real-time interactions. Moreover, I developed skills in optimizing AI models, reducing response latency, and automating customer support workflows, contributing to a more efficient and intelligent chatbot system.

To-Do List App. Users will learn to manage tasks and time effectively through the creation, organization, and prioritization features of a to-do list application. They will develop proactive planning habits, enhance productivity, and foster accountability by tracking and achieving personal or professional goals.

Multiuser web-based chatting app. Users will learn to communicate effectively using a multiuser web-based chatting app built with HTML, CSS, JavaScript, and WebSockets. They will master real-time messaging, group chat management, and user interactions. Additionally, they will develop skills in coordinating conversations, ensuring chat security, and using multimedia sharing to improve online collaboration.

AWARDS AND RECOGNITION

- RACCAM (Rajasthan Police Hackathon 1.0)

- JKLU's Startup Summit

WORKSHOPS/CONFERENCES/SEMINARS

- Attended Workshop on Cyber Attacks and Awareness of Cyber Security from RACCAM (Rajasthan Police Hackathon 1.0)