Akshat Raj

Lucknow, Uttar Pradesh

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EDUCATION

Lovely Professional University,Punjab   **2023 − 2027**
B.Tech Computer Science Engineering [AI ML]- **CGPA - 7.04**   *Jalandhar, India*

City Montessori School   **2021**
Class XII - ISC - **Percentage - 94%**   *Lucknow, India*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Web Development
- Machine Learning

PROJECTS

System Manager and Deadlock Remover | Python,Psutil,Tkinter   **April 2025**
- About project: Developed a Deadlock Detector and Resolver Tool to proactively identify and automatically resolve resource contention in concurrent systems, ensuring high availability and performance.

Simple Calculator | Html,Css,Javascript,React Js   **Jan 2025**
- About project: A sleek and intuitive web-based calculator showcasing modern UI/UX design principles. This project demonstrates clean aesthetics and responsive layout for a seamless user experience.

Sentiment Analysis Dashboard | Python,FastAPI,Html,Css,JS   **Oct 2024**
- About Project: Built a dynamic Sentiment Analysis Dashboard using Python's neural networks via API, coupled with a modern web interface. This project demonstrates end-to-end AI integration for real-time text analysis.

Tic Tac Toe with AI | Flask(Python),HTML,CSS,JS   **Sep 2024**
- About Project:Tic-Tac-Toe game where a human plays against an AI, built with Flask (Python) and a HTML/CSS/JS frontend for an interactive experience.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, SQL
Developer Tools: VS Code, Android Studio, DataGrip, Goland, Intellij Idea Ultimate
Technologies/Frameworks: Linux, GitHub, ReactJS, Psutil,NumPy, Git

EXTRACURRICULAR

Microsoft Achiever's Club   **Sept 2023 − Present**
Head,Event Management   *Punjab,India*

- Led event planning and execution for Microsoft Club, enhancing member engagement.
- Directed end-to-end event lifecycle for Microsoft Club initiatives.

CERTIFICATIONS

- Oracle Cloud Infrastructure Generative AI by Oracle
- Bits and Byte of Computer Networking by Google
- Binary Blitz Hackathon by CodingNinjas
- The Complete Machine Learning Course by Infosys Springboard
- Responsive Web Design by freecodecamp.org
- Deloitte Technology Job Simulation by Deloitte Forage
- University of Colorado System By Coursera
- J.P. Morgan - Software Engineering by JPMorgan Forage