

# AKSHAT RAJ

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## EDUCATION

**Lovely Professional University, Punjab**

*B.Tech Computer Science Engineering [AI ML]- CGPA - 7.04*

**2023 – 2027**

*Jalandhar, India*

**City Montessori School**

*Class XII - ISC - Percentage - 94%*

**2021**

*Lucknow, India*

## COURSEWORK / SKILLS

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

**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

- Bits and Byte of Computer Networking
- Binary Blitz Hackathon by CodingNinjas
- The Complete Machine Learning Course
- Responsive Web Design
- Deloitte Technology Job Simulation
- University of Colorado System