

AKSHAT RAJ

Lucknow, Uttar Pradesh

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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 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**
- Oracle Cloud Infrastructure 2025 Certified Foundations Associate by **Oracle**
- Deloitte Technology Job Simulation by Deloitte **Forage**
- University of Colorado System By **Coursera**
- J.P. Morgan - Software Engineering by JPMorgan **Forage**