

Akshat Raj

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SKILLS

Languages: C++, C, Python, Java, MySQL, HTML, CSS

Frameworks: Bootstrap, Tailwind CSS, React, REST

Tools: GitHub, Canva, Excel, VS Code

Core: Problem-Solving, Leadership, Logical Reasoning and Quantitative Aptitude, Resource Management, Adaptability.

PROJECTS

System Manager and Deadlock Remover

May 2025

- Developed a real-time deadlock detection system handling **50+** concurrent processes with **95%** detection accuracy.
- Decreased system hang incidents by **70%** by resolving deadlocks within **2–3 seconds** using automated process recovery.

Tech: Python, psutil, Tkinter

Sentiment Analysis Dashboard

Feb 2025

- Built a real-time sentiment analysis dashboard processing **1,000+ inputs/hour** with **92% accuracy** using neural networks and API integration.
- Visualized live text sentiment for analytical and decision-making purposes.

Tech: Python, FastAPI, HTML, CSS, JavaScript

Simple Calculator

Nov 2024

- Developed a sleek and intuitive web-based calculator showcasing modern **UI/UX** design principles and responsive layout.
- Used to perform basic arithmetic operations with a smooth and user-friendly interface for seamless.

Tech: HTML, CSS, JavaScript, React JS

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified Foundations Associate – **Oracle**
- Oracle Cloud Infrastructure Generative AI – **Oracle**
- The Complete Machine Learning Course – **Infosys Springboard**
- Responsive Web Design – **FreeCodeCamp**

Aug 2025

Aug 2025

Jul 2025

Jul 2024

ACHIEVEMENTS

- Scored **95.02 percentile** in Naukri Campus Young Turks 2025 and qualified for **Round 2**.
- Selected as a **Contributor for GirlScript Summer of Code (GSSoC'25)** collaborating on impactful open-source projects.
- Earned the **50 Days LeetCode Badge** for consistent problem-solving and sustained coding practice.

EXTRACURRICULAR

Microsoft Achiever's Club

Sept 2023 – Feb 2025

Punjab, India

Event Management

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

EDUCATION

- Lovely Professional University ,Punjab
B.Tech - Computer Science and Engineering; CGPA: 8.41
- City Montessori School, Lucknow
Intermediate; Percentage: 94%
- City Montessori School, Lucknow
Matriculation; Percentage: 92.8%

Aug 2023 - Present

Apr 2020 – Mar 2021

Apr 2018 – Mar 2019