Akash Rajpoot

Jaipur, Rajasthan

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OBJECTIVE

A motivated Computer Science student with strong foundations in C++, SQL, and backend development. Skilled in Data Structures and Algorithms, REST API engineering, and building reliable database-driven systems. Passionate about writing clean, maintainable code and contributing to scalable software solutions while growing in system design and modern development practices.

EDUCATION

JECRC University   **2022 – 2026**
B.Tech – Computer Science and Engineering, CGPA: 7.6   *Jaipur, Rajasthan*

Class XII (Vanasthali Siksha Niketan Sr.Sec Senior Secondary School) | RBSE   **90%** | 2021
Class X (Vanasthali Siksha Niketan Sr.Sec Senior Secondary School) | RBSE   **72%** | 2019

INTERNSHIP

Infosys Springboard Internship 6.0   **Nov 2025 – Ongoing**

- Developed an AI-driven automated testing agent using **NLP** to convert English instructions into executable test scripts.
- Integrated **LLMs** to dynamically detect DOM elements, reducing script maintenance time by 40%.
- Strengthened reliability of test workflows through enhanced error-handling for dynamic UI states.

SKILLS

- **Programming Languages:** C++, Python, SQL, HTML/CSS
- **Core SDE Skills:** Data Structures & Algorithms, OOP, Problem Solving ,Computer Networks (CN), Basic Network Security
- **Backend Development:** REST APIs
- **Databases:** MySQL
- **Cloud & Analytics:** AWS, Google Cloud, AI Agents
- **Soft Skills:** Analytical Thinking, Collaboration, Time Management

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PROJECTS

Smart Fridge System — Flask, Python, MySQL, Spoonacular API, YouTube API   **Nov 2025**

- Developed a system that identifies fridge items from images and suggests customized recipes.
- Integrated external APIs for recipe suggestions and cooking tutorials.
- Added dietary filters, grocery recommendations, and cooking history tracking.
- Implemented modular backend architecture and secure API key management.

EduNextGen – AI-Powered Student Platform — MySQL, OpenAI API   **Dec 2024**

- Built an AI-based learning and career recommendation platform for students.
- Designed secure backend services and integrated smart suggestion logic.
- Created engaging dashboards, gamified quizzes, and progress visualizations.

Price Comparison Web Application — SQL, REST APIs, HTML, CSS, JavaScript   **Jan 2025**

- Developed a price comparison engine with real-time product data retrieval.
- Added high-performance search, filter, and sorting features.
- Designed a responsive UI for seamless cross-device usage.

CERTIFICATIONS

- Google Cloud Computing Foundations — Google Skill Boost (2023)
- AWS Cloud Practitioner — AWS Skill Builder (2025)
- Databases for Developers — Oracle (2024)
- Project Management Foundations — LinkedIn Learning (2024)
- Introduction to MongoDB — MongoDB (2023)

ACHIEVEMENTS

- Solved **problems**. This helped me understand patterns and improved my confidence in tackling unseen problems.
- Reached finals in multiple hackathons where I worked with systems that needed quick design and clear communication.
- Improved several personal and project systems by debugging issues that weren't obvious at first glance.
- Consistently focus on writing maintainable code and learning how real systems behave under load.