Rohit Kudiya

Software engineer with hands-on experience in full-stack web development using JavaScript, Python, and databases (MySQL, SQL). Proficient in DSA, OOP, and DevOps basics, including Linux, CI/CD, and Git. Experienced in Agile methodologies and passionate about building scalable applications and automating workflows. Currently pursuing RHCSA to deepen system administration skills and enhance problem-solving abilities.

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❖ GitHub link

EDUCATION

Poornima University	**May, 2026**
Bachelor of Technology in Computer Science and Engineering	*Jaipur, Rajaasthan*

- **CGPA: 7.26**

Jaipur Cambridge School	**June, 2022**
12th	*Jaipur, Rajaasthan*

- **Percentage: 81.8%**

Jaipur Cambridge School	**June, 2020**
10th	*Jaipur, Rajaasthan*

- **Percentage: 85.5%**

PROJECTS

- **Face Recognition Attendance Management System:**
  Developed a Face Recognition Attendance Management System using Python, OpenCV, HTML, CSS, and JavaScript. Implemented real-time face detection and recognition with OpenCV to automate attendance marking. Integrated a database for secure storage and retrieval of attendance records, enhancing efficiency and accuracy. Designed a user-friendly web interface using HTML, CSS, and JavaScript for easy access and management.

- **DevSync – CI/CD Pipeline for Python App:**
  Implemented a CI/CD pipeline using GitHub Actions to automate testing and deployment of a Flask-based Python app. Set up Docker for containerization and deployed the app on AWS EC2 using Nginx as a reverse proxy. Configured automatic redeployments on every push to main.

- **Containerized Weather Dashboard:**
  Containerized a weather web app using Docker and deployed it with Nginx on an AWS EC2 instance. Created a Dockerfile and docker-compose.yml for building and managing multi-container setup. Optimized for scalability and maintainability.

- **QR Code-Based Multilingual Medicine Information System:**
  This project enables users to scan a QR code on medicine packaging to access detailed information in their preferred language, such as Hindi, Spanish, or Chinese. The system extracts medicine details like name, dosage, usage instructions, and side effects from a database and translates them. This enhances accessibility

for non-English speakers, ensuring they understand crucial medical information accurately and safely.

- **TaskFlow – React + Flask To-Do Manager**
  Developed a full-stack task management system using React (TypeScript) for the frontend and Flask for the backend. Implemented CRUD operations through RESTful APIs and stored tasks using SQLite. Designed a clean, responsive UI with features like task filtering and status toggling. Used Git for version control and followed clean code and modular design practices.

- **Quiz Web App – Kahoot-Inspired MCQ Platform | PHP, MySQL, HTML/CSS:**
  Developed a dynamic, Kahoot-inspired quiz web application using PHP, MySQL, and HTML/CSS, featuring a vibrant UI with funky fonts and two-option-per-line answer layout. Implemented full CRUD operations for managing questions and answers, along with real-time score calculation and result display. Designed an engaging user interface with smooth animations, and used XAMPP for local development while ensuring clean, modular, and scalable code structure.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:**
  - Red Hat Certified System Administrator, Red Hat – March, 2025 (Currently Pursuing)
  - Cloud Computing, NPTEL – May, 2024
  - Postman API Fundamentals Student Expert, Postman – January, 2025
  - Sustainable Happiness, NPTEL – November, 2024

- **Skills:**
  - **Technical Skills:**
    - **Programming Languages:** Python, Java, C, C++, JavaScript
    - **Web Development:** HTML, CSS, JavaScript,PHP
    - **Databases:** SQL, MySQL, MongoDB (basic), SQLite
    - **DevOps & Tools:** Git, GitHub, Linux, Docker (basic), CI/CD (GitHub Actions), XAMPP
    - **Cloud:** AWS (EC2, S3 – basic)
    - **Others:** VS Code, Postman, Eclipse
    - **DSA & Problem Solving:** Python, Java – LeetCode practice, OOP concepts

  - **Soft Skills:**
    - **Analytical Thinking:** Strong problem-solving approach
    - **DevOps Mindset:** Proactive in automating tasks, improving CI/CD flows, and applying SDLC principles.
    - **Teamwork & Collaboration:** Worked on multiple team projects
    - **Presentation Skills:** Delivered presentations on Machine Learning
    - **Content Creation**: Video scripting & editing for YouTube
    - **Creativity & Research:** Developed animated videos, research on self-image

- **Interests:**
  - **Artificial Intelligence & Machine Learning** – Exploring AI concepts and applications
  - **Video Content Creation** – Scriptwriting, editing, and animation for YouTube
  - **Psychology & Self-Improvement** – Researching self-image (*Psycho-Cybernetics*) and productivity
  - **Bike Riding & Travel** – Exploring new places and long rides, Being in Nature, Hiking, Songs
  - **Fitness & Gym** – Strength training, endurance building, and maintaining a healthy lifestyle