

SACHIN RATHOD

Backend Developer

+91 99240 36116

sachin.rathod.sr904@gmail.com

<https://www.linkedin.com/in/sachin-r-56479b123>

ABOUT ME

Software Engineer with 2.5+ years' experience designing and building scalable data reporting systems, RESTful APIs, and AI-powered automation bots using Python (Django/DRF, FastAPI), React, and Node.js.

Proficient in database optimization, secure authentication, and real-time data visualization to deliver high-performance, user-centric applications.

WORK EXPERIENCE

Calidad infotech – Software Engineer I

2024–PRESENT

Project 1:

- Router Data Reporting System for Juniper Networks Developed a report generation system to analyze and visualize router data for Juniper Networks Designed and implemented the frontend using HTML, CSS, and JavaScript to display real-time network insights
- Utilized Python to process large datasets, extract meaningful information, and generate detailed reports
- Optimized database queries to enhance system performance and scalability
- Ensured the system provided accurate, structured, and insightful data visualization, helping network engineers make data-driven decisions.

Project 2:

- REST API Development Using Django Rest Framework Designed and developed scalable and efficient APIs using **Django Rest Framework** (DRF) Integrated **PostgreSQL** as the primary database, ensuring optimized query performance and data integrity
- Implemented authentication and authorization mechanisms, ensuring secure API access
- Developed APIs following RESTful best practices, improving communication between frontend and backend services

Project 3:

- AI-Powered Interview Automation Bot Developed an AI-driven chatbot for automating interviews, leveraging **OpenAI API** for real-time responses
- Designed and built the frontend using **React.js**, providing an interactive and user-friendly experience
- Implemented **FastAPI/Django** in the backend to handle requests efficiently and manage AI interactions
- Integrated real-time voicechat capabilities, allowing dynamic conversations between candidates and the AI bot.

Hyperlink Infosystem – Software Engineer I

2022–2023

Project 1:

- Inventory Management System Developed **RESTful APIs** using **Node.js** with **MySQL** as the database to manage inventory operations efficiently
- Designed and implemented an admin panel using **CodeIgniter**, enabling administrators to track, update, and manage inventory data seamlessly
- Ensured secure authentication and role-based access control for different user levels.

EDUCATION

R.B INSTITUTE OF MANAGEMENT
Master of computer applications

2019-2022

UMIYA BCA COLLEGE
Bachelor of Computer Application

2017-2019

SKILL

- Python
- Django Rest Framework
- Javascript
- Postgres, Mysql
- Node.js
- React.js