

SACHIN RAJPOOT

Aspiring Software Development Engineer

Enthusiastic and self-motivated Computer Science student with a strong foundation in web development and problem-solving. Skilled in front-end technologies and Python-based applications, with hands-on project experience and active participation in hackathons. Seeking an opportunity to apply software engineering principles in real-world applications and grow as an SDE.

rajputsachin8856@gmail.com

7409558856

Chandigarh, india

leetcode.com/u/rajputsachin56/

linkedin.com/in/rajputsachin8856

github.com/rajputsachin8856

EDUCATION

Bachelor of Engineering - Computer Science & Engineering

Chandigarh University

08/2022 - Present

Gharuan, Mohali

Intermediate

RRK School Chandausi

04/2021 - 03/2022

Chandausi, UP

Matriculation

OPGM Sr Sec School

04/2019 - 03/2020

Chandausi, UP

PROJECTS

Smart Traffic Control System (10/2022 - 12/2022)

- Languages Used : Python, Database
- Developed a smart traffic control system using Python to manage traffic light sequences dynamically.
- Analyzed real-time or simulated traffic data to adjust signal timings based on vehicle density.
- Improved traffic efficiency and reduced congestion through intelligent automation.

Hospital Management System (03/2023 - 05/2023)

- Languages Used : HTML, CSS, JavaScript
- Designed and developed a user-friendly hospital management interface using HTML, CSS, and JavaScript.
- Created an intuitive account system that allows patients to view and manage upcoming appointments.
- Enabled users to access important details such as appointment dates, doctor information, and preparation instructions.

Desktop-Based Person AI (08/2023 - 10/2023)

- Languages Used : Python
- Developed a desktop-based personal AI assistant using Python to support users with day-to-day tasks.
- Programmed the AI to execute simple tasks such as setting reminders, opening applications, and providing basic information.
- Implemented a basic command recognition system to interpret and respond to user input effectively.

eLearner Platform for Students and Faculty (01/2024 - 04/2024)

- Languages Used : HTML, CSS
- Designed and developed a web-based dashboard for educational institutions using HTML and CSS.
- Created separate interfaces for faculty and students to streamline resource sharing and academic interaction.
- Enabled faculty to upload learning materials, assignments, and announcements.

SKILLS

C++

Python

Java

DSA

OOPs

HTML

CSS

JavaScript

Nodejs

SQL

DBMS

ACHIEVEMENTS

Hackfest (2022)

Participated in a university-level hackathon and collaborated on a tech-based solution under time constraints.

SIH (2023)

Contributed as a team member in Smart India Hackathon 2023, working on real-world problem statements with innovative software solutions.

SAP Hackfest (2025)

Served as a member of the organizing team, contributing to event coordination and participant support.

CERTIFICATES

Databases and SQL for Data Science with Python (03/2024)

Gained hands-on experience in querying databases and integrating SQL with Python.

NoSQL, Big Data, and Spark Foundations (10/2024)

Studied big data concepts with practical insights into Spark and NoSQL systems.

Python for Everybody (11/2024)

Learned core Python programming with hands-on coding and real-world examples.

React Native (01/2025)

Gained hands-on experience in developing Android and iOS apps with React Native.

LANGUAGES

Hindi

Native or Bilingual Proficiency

English

Professional Working Proficiency

INTERESTS

Programming Languages

Web Development

Open Source Contributions

Software Development

Competitive Programming

Building Side Projects