

Rakshit Gupta

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 rakshitgupta9.github.io/Portfolio |  linkedin.com/in/rakshit9

Education

Bachelor of Engineering - Computer Science	2021 – 2025
Model Institute of Engineering and Technology (MIET), Jammu - CGPA: 8.48/10	
Higher Secondary - Class XII	2020 – 2021
Kendriya Vidyalaya No. 1, Jammu - Percentage: 75.4%	
Higher School - Class X	2018 – 2019
Kendriya Vidyalaya No. 1, Jammu - Percentage: 75%	

Internships

SQL Intern - Celebal Technologies (Remote)	Jun 2024 – Aug 2024
Celebal Technologies	
<ul style="list-style-type: none">Wrote optimized SQL queries for accurate data extraction and processing for various databases.Enhanced database performance using indexing, joins, and tuned procedures.Completed SQL-50 problems to strengthen query logic and analytical thinking.	
Web Development Intern - Nucleon (IIT Jammu)	Jun 2023 – Jul 2023
IIT Jammu	
<ul style="list-style-type: none">Developed a functional full-stack restaurant website with interactive components.Designed responsive UI components and backend form processing. And also created an admin Page for accessing backend data for checking details, order, etc.Completed freeCodeCamp modules improving core frontend development skills.	

Projects

Age-Well - Senior Citizen Support Portal (Flask, MongoDB)	Feb 2025 – May 2025
 github.com/Rakshitgupta9/AgeWell	
<ul style="list-style-type: none">Built a Flask platform for senior users to organize events, manage medicines, finance, and wellness data.Designed secured Login pages and linked parent-child accounts enabling shared monitoring and updates.Added reminders, expense logs, and analytics dashboards backed everything by MongoDB.	
Smart IoT Parking System (Python, OpenCV, Flask)	Aug 2024 – Dec 2024
 github.com/Rakshitgupta9/Smart-Parking-Management	
<ul style="list-style-type: none">Built an IoT-driven parking system using ESP32-CAM and sensor-based automation for secured parking.Implemented OpenCV ANPR model for accurate license plate reading and used database for storage.Developed a Flask dashboard showing slot availability and vehicle entry/exit logs.	
Health Companion - ML Health Prediction (Python, SQL)	Feb 2024 – May 2024
 github.com/Rakshitgupta9/Health-Companion	
<ul style="list-style-type: none">Built ML models predicting stroke, CVD, and diabetes using scikit-learn pipelines.Integrated Flask + MySQL for better UI, secure authentication and storing user health records.Added BMI and calorie calculators with contextual, personalized health insights and doctor problem-based recommendations.	
Linux Test Platform - Shell Scripting	Oct 2022 – Feb 2023
 github.com/Rakshitgupta9/Test-Platform-Using-Linux-Shell-scripting	
<ul style="list-style-type: none">Created a Bash-based quiz system with timed tests and automated evaluations.Added randomized question selection and structured user record management.	

Certificates

Responsive Web Design - freeCodeCamp

Python Programming - Swayam

Python for Data Science - IBM / Coursera

Technical Skills

Programming: Python, SQL, C, C++, PHP

Python Stack: Flask, OpenCV, Pandas, NumPy, Scikit-learn, Jupyter Notebook

Databases: MySQL, MongoDB

Tools & Platforms: Linux, Bash, Git, ESP32, UiPath

Web: HTML, CSS, JavaScript, Bootstrap, React