

# Rakshit Gupta

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 [rakshitgupta9.github.io/Portfolio](https://rakshitgupta9.github.io/Portfolio) |  [linkedin.com/in/rakshit9](https://linkedin.com/in/rakshit9)

## Education

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

## Internships

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

## Projects

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

## 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