

Rakshit Gupta

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Education

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

Internships

SQL Intern - Celebal Technologies (Remote) 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.	Jun 2024 – Aug 2024
Web Development Intern - Nucleon (IIT Jammu) 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.	Jun 2023 – Jul 2023

Projects

Age-Well - Senior Citizen Support Portal (Flask, MongoDB) 🔗 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.	Feb 2025 – May 2025
Smart IoT Parking System (Python, OpenCV, Flask) 🔗 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.	Aug 2024 – Dec 2024
Health Companion - ML Health Prediction (Python, SQL) 🔗 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.	Feb 2024 – May 2024
Linux Test Platform - Shell Scripting 🔗 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.	Oct 2022 – Feb 2023

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