ROHIT SINGH

Haldwani, Uttarakhand

📞 +91-9129922562 ✉ rohithitman9876@gmail.com 🔗 LinkedIn ⌨ GitHub ⬡ LeetCode

Professional Summary

Computer Science Engineering student skilled in software development, databases, cloud, and machine learning. Proficient in Python, SQL, React.js, and Tableau. Strong collaborator with experience in project leadership, troubleshooting, and delivering secure, scalable solutions on time.

Education

Graphic Era Hill University   Sep 2022 – Jul 2026 (Expected)
B.Tech, Computer Science & Engineering – CGPA: 8.82   *Bhimtal, India*

Mount Berry Inter College   Jun 2021
Intermediate, Science Stream – 83%   *Lucknow, India*

Technical Skills

Programming Languages: Java, Python, C, C++, JavaScript, SQL

Frameworks & Libraries: React.js, Redux, Pandas, Scikit-learn, Tkinter

Web Development: Responsive Design, REST APIs

Database Management: MySQL, Database Administration, Query Optimization

Data Analysis & Visualization: Python (Pandas, Scikit-learn), Tableau, Power BI

Machine Learning: Model Building, Feature Engineering, Infosys Certified

Developer Tools: VS Code, IntelliJ IDEA Ultimate, GitHub

Core Competencies: Algorithms, OOP, SDLC, Debugging, Testing

Projects

Advanced Security System with File Encryption (Python, Tkinter, Cryptography)   Jun 2025
– Engineered multi-user authentication using **SHA-256** and role-based access.
– Secured 1,000+ files with **Fernet symmetric encryption**.
– Enhanced UI usability by **20%**.
– Delivered project ahead of schedule.

Python-to-C Converter (Flex, Python, Tkinter)   Jun 2025
– Designed a live GUI-based Python-to-C converter adopted by **50+ peers**.
– Improved tokenization accuracy, reducing parsing errors by **15%**.
– Supported classroom demonstrations.

GYM Joiner (React.js)   Mar 2023
– Built a scalable, mobile-compatible gym management app for **100+ users**.
– Achieved **99% bug-free performance** and reduced load time by **30%**.
– Implemented secure authentication and smooth onboarding workflow.

Extracurricular

Arduino Workshop   Mar 2023
ECE Dept., Bhimtal
– Built and showcased **3 automation projects** with Arduino.

Data Visualization Program   Jan 2025
Forage (Tata Insights)
– Designed **5 dashboards** in Tableau & Power BI for datasets of 10k+ records.

Certifications

- Google Cloud Computing Foundations – NPTEL (**Top 15%**)

- Machine Learning Using Python – Infosys

- Ultimate Ethical Hacking – Udemy