AAYUSH RAJ THAKUR
SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

A passionate and inquisitive software engineer driven by a relentless curiosity and a love for continuous learning. Adept at exploring new technologies, solving complex problems, and refining systems through disciplined daily practice.

ACHIEVEMENTS

- Completed 3-month Certification Course and 3 Projects at Pregrad as Android Developer.
- Completed 4+ projects on university basis.
- Completed 3 (Computer Network, Internet Protocol, and Internet of Things and Theory of Computation) courses from SWAYAM, NPTEL.
- Developed 3+ Android application using java as well as Kotlin.
- Earned more than 3 badges from Leetcode.

PROJECTS

- SteganoGuard | A cutting edges solution for hiding information in image using modern LSB algorithm with simple brute force approach.
  - Technologies: HTML. CSS, Python, MySQL
  - GitHub: https://github.com/aayushrajthakur/SteganoGuard/

- PVM (Private Vault Manager) | An android application that allows to store your credentials in encrypted form and auto-fill when needed.
  - Technologies: Java, Firebase Fire store, Firebase Authentication, etc.
  - GitHub: https://github.com/aayushrajthakur/PVM/

- One Call and Admin Console | A dual edge solution for medical services that helps to serve patients in emergency and locate the ambulance to the nearest health services according to patient's condition.
  - Technologies: HTML, CSS, Bootstrap, python (Flask and Django)
  - GitHub: https://github.com/aayushrajthakur/OneCall/

- Garbage Detector | A Machine Learning prototype that detect garbage.
  - Technologies: Python, TensorFlow, keras
  - GitHub: https://github.com/aayushrajthakur/GarbageDetector/

CERTIFICATIONS

Android Application Development Certification from Pregrad
DBMS Certification course from Coursera
Version Control Certification course from Coursera

EDUCATION

Bachelor's degree
Parul University
2026

Secondary Education
Rajarshi Janak Campus
2022

SKILLS

Soft Skills
- Problem-solving
- Communication
- Critical Thinking
- Creativity

Hard Skills
- Problem solving
- Network security
- Databases: MySQL, MongoDB
- Version Control: Git and GitHub
- Linux
- AI tools: Cursor & Replit Agent

LINKS

Leetcode:
https://leetcode.com/u/aayushrajthakur/
GitHub:
https://github.com/aayushrajthakur/
LinkedIn:
https://linkedin.com/in/aayushrajthakur