Anay Gupta

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PROFILE SUMMARY

Aspiring Software Engineer with skills in Python, Java, and C, experienced in REST APIs, web applications, and automation. Hands-on experience with cloud platforms (AWS, Azure, GCP) and backend frameworks (Django, Flask, Selenium). Passionate about open source, hackathons, and building scalable solutions.

PROJECTS

EduGuide: One-Stop Career & Education Advisor | Smart India Hackathon   *Sept 2025 – Present*
  - Developing a full-stack platform (Node.js, Express, MongoDB, Next.js) to improve college enrollment through personalized recommendations and interactive roadmaps.
  - Built secure authentication, role-based access, and RESTful APIs for courses, bookmarks, and recommendations.
  - Integrated interactive college maps and multilingual support (Google Translate) to enhance accessibility.

Boost Bot API | GitHub   *Apr 2025 – May 2025*
  - Developed Django backend for license key management, live order tracking, and Discord autobuy integrations.
  - Implemented WebSocket support for real-time updates and secure token-based authentication.

Online Mock Tests WebApp (Personal Project) | GitHub   *Feb 2025 – Mar 2025*
  - Developed a Django-based platform for conducting quizzes and mock exams with secure login and result tracking.
  - Implemented instant scoring, answer review, and an admin panel for managing tests, questions, and users.

Gateway Discord Bot & Card Graphics API | GitHub   *Nov 2022 – Jul 2024*
  - Developed and launched a multifunctional Discord bot with automation, moderation, and engagement features.
  - Integrated REST APIs and a Flask-based Card Graphics API to generate dynamic profile cards, leaderboards, and stats.
  - Scaled to 635 guilds and 1.3M+ users while maintaining efficient backend performance.

EDUCATION

Thapar Institute of Engineering & Technology   Patiala, India
B.E. in Computer Science   *2025 – 2029 (Expected)*
  - Relevant Coursework: Data Structures & Algorithms, C Programming, Discrete Mathematics (in progress).

SSD Krishna Vatika School   Bathinda, India
Higher Secondary School (12th Board: 77.2%)   *2023 – 2025*

Bishop Cotton School   Shimla, India
Secondary School (10th Board: 81.8%)   *2020 – 2023*

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript (Learning)
Core CS: Data Structures & Algorithms, LeetCode, Hackathons
Frameworks/Libraries: Django, Flask, discord.py, Selenium, Leaflet.js
Web: HTML, CSS, JavaScript, React.js, Next.js
Cloud & DevOps: AWS (S3, EC2), Azure, GCP, Docker (beginner), REST APIs
Tools: Git, GitHub, PIL/Pillow, BeautifulSoup, Linux/Unix

PROBLEM SOLVING & COMPETITIVE PROGRAMMING

Regular practice on LeetCode and hackathons, focusing on problem-solving with Data Structures & Algorithms.

Proficient in arrays, strings, hash tables, linked lists, stacks, trees, tries, sorting, dynamic programming, divide & conquer, and bit manipulation.

Strong foundation in applying algorithmic techniques to solve real-world problems efficiently.