

Aniket Gupta

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ABOUT

Final-year Software Engineering student with strong proficiency in **Data Structures and Algorithms (C++)** and backend development using **Java and Spring Boot**. Experienced in building scalable **RESTful APIs**, applying algorithmic problem-solving to real-world projects, and working with relational databases using **SQL**. Familiar with **React.js** for frontend integration and focused on developing efficient, maintainable software systems.

EDUCATION

B.E. in Software Engineering, Chandigarh University, Mohali — CGPA: 7.17 (2022–Present)

Class XII (PSEB), T.S.S.M. Senior Secondary Public School, Ludhiana — 87.6% (2021–2022)

Class X (PSEB), A.V.M. Public High School, Ludhiana — 77% (2019–2020)

TECHNICAL SKILLS

Programming Languages & Databases: C++, Java, JavaScript, MySQL, MongoDB (NoSQL)

Backend & Web Technologies: Spring Boot, RESTful APIs, HTML, CSS, React.js

Cloud & DevOps: Linux, AWS (EC2, S3), Docker, Kubernetes, CI/CD

Tools & Platforms: Git, GitHub, IntelliJ IDEA, VS Code, Postman, SQL Workbench, Maven, npm

Core Concepts & Other Technologies: Data Structures & Algorithms (DSA), Redux, Axios, Keycloak (OAuth2), RabbitMQ

ACADEMIC PROJECTS

FitTrack Pro (Java, Spring Boot, React) - 2025

GitHub:[ani8727](#) | Live:[FitTrack](#)

- Developed a full-stack fitness tracking application using Spring Boot RESTful APIs and a React.js frontend.
- Implemented secure authentication and authorization using Keycloak (OAuth2) and asynchronous messaging with RabbitMQ.
- Designed backend services with SQL for user data and MongoDB for activity tracking and analytics.

Metro Route Finder (C++, STL, Data Structures & Algorithms) - 2024

GitHub: [MetroRoute](#)

- Built a metro navigation system using graph data structures and Dijkstra's Algorithm for shortest path computation.
- Applied OOP principles and STL to optimize performance and memory usage.
- Implemented a menu-driven CLI with file handling for efficient route queries.

DSA Learning Hub (C++, React, Tailwind CSS) - 2023

GitHub:[ani8727](#) | Live:[LearningHub](#)

- Created an interactive platform featuring 100+ DSA problems with complete C++ implementations and explanations.
- Structured content around 20+ algorithmic patterns covering Arrays, Linked Lists, Trees, and Dynamic Programming.
- Built a responsive, high-performance UI using React and Tailwind CSS, optimized for desktop and mobile devices.

SOFT SKILLS

- Communication & Coordination:** Communicated ideas, progress, and feedback during academic and project-based work.
- Critical Thinking & Decision Making:** Assessed situations, evaluated alternatives and made thoughtful decisions.
- Time Management & Adaptability:** Managed responsibilities efficiently while adapting requirements and deadlines.

CERTIFICATIONS & ACHIEVEMENTS

Link: [certificate](#)

- TCS iON Career Edge - Young Professional**, Professional skills, communication, workplace readiness | [View](#)
- Data Science**, IBM (Coursera) — Foundations of data science concepts, tools, and real-world applications | [View](#)
- Business Analytics & Data Visualization**, Forage — Business insights, analytical thinking, and data-driven | [View](#)
- Foundation to Cloud Computing** — Cloud fundamentals, AWS basics, and core cloud service concepts | [View](#)
- Research Paper:** Stress Management Virtual Assistant - AI-based solution for mental wellness [YMER240327] | [View](#)

EXTRACURRICULAR ACTIVITIES

Hackathons | Coding Competitions | CU-FEST Volunteering | LeetCode - 350+ (DSA problems solved)