Aarav Saxena

Full Stack Developer—Aspiring Software Engineer

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GitHub | LeetCode | GeeksforGeeks

OBJECTIVE

Aspiring Software Engineer with **300+ DSA problems solved** and strong experience in building **scalable full-stack applications**. Passionate about system design, clean code, and performance-driven solutions.

TECHNICAL SKILLS

Languages: Java,C++, JavaScript
CS Fundamentals: Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks
Web Stack: React.js, Node.js, Express.js, MongoDB
Tools & Platforms: Git, GitHub, REST APIs, JWT, OAuth, Postman, Vercel **Others:** Responsive Design, Tailwind CSS, Google Authentication, Gemini API

KEY PROJECTS

Collab-Nest   Mar 2025 – Present

Live Demo | GitHub

AI-powered script writing tool using **Google Gemini API**, reducing ideation time by **40%**.

- Implemented **Google OAuth 2.0** and secure password reset for seamless onboarding.
- Designed a **real-time analytics dashboard** delivering actionable content insights.

Hotel-Booking   Mar 2025 – Present

Live Demo | GitHub

MERN stack hotel booking platform with **dynamic room management** and secure REST APIs.

- Developed a user-friendly interface for booking hotels, managing rooms, and secure payments.
- Implemented Clerk authentication with role-based access control **(user/hotelOwner)** for secure, personalized experiences.

Food Classification & Calories Counter Web-App   Feb 2025 – Present

Developed a web-based food classification and calorie estimation application using MobileNetV2 and Streamlit.

- Performs accurate classification of various food items from user-uploaded images.
- Utilized a dataset of over 3600 food images, spanning 36 categories, to train the model effectively.

EDUCATION Quantum University, Roorkee 08/2022 – Present
B.Tech in Computer Science   GPA: 7.5
Relevant Coursework: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks

Gyan Bharti Public School   04/2021 – 05/2022
Intermediate (PCM), **78%**

Gyan Bharti Public School   04/2019 – 04/2020
Matriculation, **75%**

ACHIEVEMENTS

- **Winner, Smart India Hackathon 2024** – College Round (Quantum University)
- Solved **300+ DSA problems** on LeetCode, GFG, CodeStudio
- Built multiple **production-ready full-stack web applications**

CODING PROFILES LeetCode | GeeksforGeeks | CodeStudio | GitHub

INTERESTS Data Analytics | Artificial Intelligence |System Design | Developer Tools