

Sagar Gupta

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GitHub | LinkedIn | LeetCode

Backend Developer

Professional Summary

Computer Science student with hands-on experience in developing web-based applications using Java, Python, and JavaScript. Skilled in full-stack development, REST APIs, responsive design, and database integration. Proven ability to design user interfaces, write clean and efficient code, and collaborate in agile environments. Interested in backend systems, software engineering, and scalable application development.

Education

B.Tech in Computer Science and Engineering

Galgotias University, Greater Noida

2022 – 2026

CGPA: 7.8/10

Senior Secondary (Class XII)

B.N. Inter College, Dinara

2022

Percentage: 78.4%

Secondary School (Class X)

Pragya Punj Public School, Dinara

2020

Percentage: 70.2%

Skills

Technical Skills

Programming Languages: Java, Python, JavaScript

Web Technologies: HTML5, CSS3, Bootstrap, React, Node.js

Databases: MongoDB, MySQL

Tools & Frameworks: Git, GitHub, Visual Studio Code

Core Concepts: Object-Oriented Programming, Data Structures and Algorithms

Soft Skills: Collaboration, Team Leadership, Project Coordination, Deadline-Driven

Projects

iCrest - E-commerce Web App

Technologies: React, CSS, JavaScript

- Engineered a full-featured e-commerce platform with **50+ dynamic product listings**, real-time category filters, and responsive UI components.
- Optimized filtering logic to **reduce product search time by 35%**, improving customer navigation efficiency.
- Implemented cart and checkout functionality using React Hooks, ensuring seamless state management across **500+ demo transactions**.

Fruit Store - Interactive Web Interface

Technologies: JavaScript, HTML, CSS

- Developed an interactive fruit store interface with **pixel-perfect responsiveness** across devices.
- Enhanced UI/UX with hover animations and tooltips, **boosting user engagement by 40%** during prototype testing.
- Minimized page load time to **under 1.5 seconds** through optimized asset loading and CSS compression.

Spotify Clone

Technologies: HTML5, CSS3

- Cloned Spotify's homepage design using advanced CSS3 animations and transitions, ensuring a visually immersive user experience.
- Leveraged Bootstrap's grid system for **100% mobile responsiveness** and cross-browser compatibility.
- Optimized assets and reduced load size by **200 KB**, achieving a **30% faster** initial page render.

Internships

Python Full Stack Developer Intern

Oct 2024 – Dec 2024

AICTE Virtual Internship

Learned and worked on frontend (HTML, CSS, JavaScript) and backend (Python, Django/Flask).

Created a backend system for data storage and user management.

Web Full Stack Developer Intern

Jan 2025 – Mar 2025

AICTE Virtual Internship

Built REST APIs and dynamic frontend features in a MERN stack environment. Worked in a 4-member team to deploy a full-stack application.

Certifications

API Bootcamp - Postman, Dec 2024

Java Foundations – Oracle Academy, Jan 2024

Database Programming with SQL – Oracle Academy, Jan 2024

Compiler Design – NPTEL, Jan 2025 – Apr 2025