

PRIYANKA SINGH

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SUMMARY

Full-stack developer and CSE undergraduate (CGPA: **9.27**) with experience building scalable web platforms and ML pipelines. Solved 400+ DSA problems; open-source contributor; SIH 2025 qualifier. Seeking backend/full-stack engineering roles.

EDUCATION

B.Tech in Computer Science, Noida Institute of Engineering and Technology 2023 – Present
CGPA: **9.27** — **2nd Topper, B.Tech First Year (All Branches) – 2024**
Class XII & Class X, The Aditya Birla Public School 2021 – 2023

TECHNICAL SKILLS

Languages	Python, JavaScript, TypeScript, Java, C
Frontend	React, Next.js, Tailwind CSS, Bootstrap
Backend / APIs	Node.js, FastAPI, REST API Design, Firebase Cloud Functions
Databases	MongoDB, MySQL, Firebase Firestore
ML / Data	Scikit-learn, Pandas, NumPy, Feature Engineering, Model Evaluation
Core CS	DSA, DBMS, Operating Systems, Computer Networks, OOP, System Design
Tools	Git, GitHub, Postman, VS Code

PROJECTS

AlgoVista — Coding Analytics Platform

Personal Project

- Built a full-stack analytics platform with a recommendation engine suggesting problems based on user performance patterns; real-time leaderboard via Firebase and REST APIs for auth and data aggregation.
- **Tech:** React, Next.js, Node.js, Firebase, MongoDB, TypeScript

GiveWay — Multi-Role Social Impact Platform

Personal Project

- Developed an NGO discovery and donation platform with three scoped roles (donor, volunteer, NGO admin) with role-based access control; automated Cloud Function workflows for real-time notifications.
- **Tech:** Next.js, Firebase (Auth, Firestore, Cloud Functions), Tailwind CSS

Crop Yield Prediction System

Team Project

- Built an end-to-end ML pipeline benchmarking 4 algorithms; best accuracy with Random Forest after feature engineering and outlier removal; deployed via FastAPI with input validation.
- **Tech:** Python, FastAPI, Pandas, NumPy, Scikit-learn

ACHIEVEMENTS & OPEN SOURCE

- **Cleared Internal Hackathon — Smart India Hackathon 2025** (Government of India initiative).
- **2nd Topper** — B.Tech First Year (All Branches), NIET (2024); CGPA: 9.27.
- Solved **400+ DSA problems** on LeetCode across arrays, trees, graphs, and dynamic programming.
- Olympiad Medalist — IMO, NSO, IEO (International and National level).
- Contributed to **PentAGI** (AI-driven security platform) — fixed bugs and implemented enhancements via pull requests in a distributed Git workflow with code reviews.

CERTIFICATIONS

Network Security & MongoDB Developer	Cisco Networking Academy — MongoDB University
Namaste React & Python Proficiency	Namaste Dev (Akshay Saini) — HackerRank