

Naina Shilpi

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github.com/nainashilpi | LeetCode | Portfolio

SUMMARY

B.Tech IT student with a strong foundation in **Data Structures and Algorithms** and experience building **scalable full-stack web applications**. Proficient in **React, Node.js, Express.js, MongoDB, and MySQL**, with a focus on clean architecture, performance, and real-world problem solving.

TECHNICAL SKILLS

- **Programming Languages:** C++, JavaScript, Python, SQL, C
- **Frontend:** React, HTML5, CSS3, Tailwind, Bootstrap
- **Backend:** Node.js, Express.js, REST APIs, EJS
- **Databases:** MongoDB, MySQL
- **Tools:** Git, GitHub, VS Code

PROJECTS

- **AlgoPulse – DSA Analytics & Gamification Platform** Jan 2026 – Feb 2026
Full Stack Web Application *React, Node.js, Express.js, MongoDB, Tailwind CSS*
 - Designed and developed a **full-stack DSA analytics platform** for a college coding club with **50+ active users**.
 - Integrated **LeetCode user data** using **GraphQL queries** to fetch problem counts, ratings, and submission statistics in real time.
 - Implemented a **custom scoring and ranking algorithm** (Easy–10, Medium–20, Hard–40) with leaderboard and streak tracking.
 - Built secure **JWT-based authentication and role-based access control** for users and admins.
 - Optimized backend APIs and database queries to ensure **scalability, low latency, and performance**.
 - **GitHub** – **Live**
- **Airbnb Clone – Full Stack Web Application** Aug 2025 – Dec 2025
Web Development Project *Node.js, Express.js, MongoDB, Bootstrap*
 - Developed a **production-ready rental marketplace** using **MVC architecture** and RESTful APIs.
 - Implemented secure **authentication and authorization** using Passport.js with complete **CRUD functionality** for listings and reviews.
 - Integrated **Mapbox API** for geolocation-based property visualization and **Cloudinary** for optimized image storage.
 - Designed a responsive user interface using Bootstrap and deployed the application on **Render**.
 - **GitHub** – **Live**

EDUCATION

- **University Institute of Technology, RGPV** Bhopal, India
B.Tech in Information Technology *Aug 2023 – July 2027*
 - **Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Computer Networks, DBMS, OOP

LEADERSHIP & ACHIEVEMENTS

- **DSA & Web Development Head, ASPER Club** (2025 – Present): Mentored **50+ students** through DSA and web development sessions and guided real-world projects.
- Solved **500+ DSA problems**; achieved **1500+ rating on LeetCode** and **1400+ rating on CodeChef (2 Star)**.

CODING PROFILES

- LeetCode – CodeChef – GeeksforGeeks – Portfolio