

# Naina Shilpi

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github.com/nainashilpi | LeetCode | Portfolio

## SUMMARY

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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

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- **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

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- **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

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- **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

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- **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

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- LeetCode — CodeChef — GeeksforGeeks — Portfolio