NAINA SHILPI

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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.

Skills

Programming Languages: C++, JavaScript, Python, SQL, C
Frontend & UI: React, HTML5, CSS3, Tailwind CSS, Bootstrap
Backend & APIs: Node.js, Express.js, RESTful APIs, EJS
Databases: MongoDB, MySQL
Developer Tools: Git, GitHub, VS Code

Projects

- **AlgoPulse – DSA Analytics & Gamification Platform** | React, Node.js, Express, MongoDB, Tailwind
  Jan 2026 – Feb 2026

  Built a real-time DSA analytics platform for a college coding club used by **50+ members**.
  Integrated LeetCode data using **GraphQL queries** to fetch and update user statistics dynamically.
  Designed a custom ranking algorithm (Easy: 10, Medium: 20, Hard: 40) with leaderboard and streak tracking.
  Developed a discussion module and admin dashboard for point reset and activity monitoring.
  Implemented **JWT-based authentication** and optimized backend APIs for scalable performance.
  🐙 GitHub   ↗ Live

- **Airbnb Clone – Full Stack Web Application** | Node.js, Express, MongoDB, Bootstrap
  Aug 2025 – Dec 2025

  Built a production-ready rental marketplace using **MVC architecture** and **RESTful APIs**.
  Implemented secure **Passport.js authentication** with complete **CRUD** functionality for listings and reviews.
  Integrated **Mapbox API** for geolocation-based visualization and **Cloudinary** for optimized image storage.
  Designed a responsive UI with Bootstrap and deployed the application on Render.
  🐙 GitHub   ↗ Live

Education

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

Leadership & Achievements

- **DSA & Web Development Head, ASPER Club** *2025 – Present*
  Led and mentored **50+ students** through structured DSA and Web Development sessions, curated problem sets, and guided members in building real-world projects.

- Solved **500+ Data Structures and Algorithms problems** across platforms; achieved a **1500+ rating on LeetCode** and a **1400+ rating on CodeChef (2 Star)** through consistent participation in rated contests.

Coding Profiles

</> LeetCode   ↗ CodeChef   ↗ GeeksforGeeks