Shalini Kumari

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SUMMARY

Software engineering aspirant with strong foundations in Data Structures, Algorithms, and object-oriented design. Experienced in building full-stack web applications using React, Node.js, Express, and SQL, along with active contributions to open-source projects. Passionate about scalable software development and writing clean, efficient, and maintainable code.

ACHIEVEMENTS & COMPETITIVE PROGRAMMING

- Achieved **AIR 670** in **TCS CodeVita** among **20,540+ participants**
- Solved **600+ Data Structures and Algorithms problems** across LeetCode, GeeksforGeeks, and Codeforces
- Strong command over algorithmic problem solving with focus on optimization

TECHNICAL SKILLS

Programming Languages: C++, JavaScript, Python, SQL
Core CS: Data Structures & Algorithms, OOPs, DBMS
Web Development: HTML, CSS, React, Node.js, Express
Databases: MySQL
Tools: Git, GitHub, Postman, VS Code
AI Exposure: Prompt Engineering, Generative AI tools

EXPERIENCE

- **Infosys Springboard Virtual Internship 6.0** — 2025
  EHR Medical Data & GenAI Project
    - Worked on building and structuring **Electronic Health Record (EHR) medical datasets** for healthcare use cases
    - Performed data preprocessing, validation, and schema organization on structured medical data
    - Applied **Generative AI concepts** to support healthcare data understanding and insights
    - Collaborated using GitHub for version control and team-based development
    - Project Repository: GitHub

OPEN SOURCE CONTRIBUTIONS

- Selected contributor for **GirlScript Summer of Code (GSSoC) 2025**
- Contributed to multiple repositories with **7 merged pull requests**
- Worked with **React, JavaScript, Node.js, Express, and CSS**

PROJECTS

- **Student Management System**
  React, Node.js, Express, MySQL
    - Developed a full-stack web application to manage students, courses, and academic records
    - Designed RESTful APIs using Node.js and Express with MySQL integration
    - Implemented CRUD operations and input validation
- **Task Tracker Web Application**
  React, Node.js, SQL
    - Built a task management system with task creation, update, and status tracking
    - Developed responsive UI using React and backend services using Node.js

EDUCATION

- **Alard College of Engineering & Management** — Pune, India
  B.Tech in Electronics & Telecommunication Engineering — *2023 – Present*