

Devesh Chaurasiya

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Objective

Computer Science student with strong data structures, algorithms, and backend development skills, seeking to contribute to high-performance, scalable, and reliable systems at D.E. Shaw. Eager to apply problem-solving abilities to both software engineering and quality assurance, where technology drives innovative finance.

Education

- **Sri Sivasubramaniya Nadar College of Engineering, Chennai** B.E. in Computer Science
- GPA: 8.42/10 Expected Graduation: May 2027
- **Disha Delphi Global Senior Secondary School, Rajasthan** CBSE (12th): 95.40%

Technical Skills

- **Languages:** C, Python, Java, HTML, CSS, SQL.
- **Databases:** MySQL, SQLite
- **Frameworks/Libraries:** Flask, Node.js, Express.js
- **Operating Systems & Environments:** Linux (command line & scripting), Windows, macOS.
- **Tools & Platforms:** Git, GitHub, Postman, Unittest
- **CS Fundamentals:** Data Structures, Algorithms, Operating Systems, Object-Oriented Programming (OOPs), Concurrency, Networking, Debugging

Projects

- **Real-Time Chat Application 🌀 (Java, Sockets, SQLite)** *Sept 2024 – Jan 2025*
 - Developed a Java-based desktop chat application with a multi-threaded server architecture, handling **120+ concurrent simulated clients** with message **latency < 50ms** for scalable, real-time communication.
 - Managed thread pools and synchronized access to shared resources to optimize database interactions and ensure consistent message logging.
- **University Course Management System 🌀 (C, File I/O)** *Dec 2023 – Apr 2024*
 - Developed a terminal-based course registration system with GPA-based eligibility checks and automated rule enforcement.
 - Used arrays and file I/O to manage student records, course availability, and schedule validation with persistent state across sessions.
- **Vehicle Telemetry Data Tracker (Flask, SQLite)** *June 2025 – July 2025*
 - Built Flask REST APIs to ingest and retrieve simulated vehicle telemetry data (speed, GPS), optimizing backend architecture for low-latency I/O.

Additional Projects

- **Personal Blog Platform 🌀 (Node.js, Express.js, EJS, HTML/CSS)** *June 2025 – Aug 2025*
 - Built a modular blogging platform with dynamic post rendering, custom routing, and template-based UI using Express and EJS.
 - Implemented form handling, data validation, and structured backend logic to support future scalability and test automation.

Relevant Coursework

- Data Structures and Algorithms, Operating Systems, DBMS, Software Engineering

Soft Skills

- Strong communication skills demonstrated through team-based projects and code reviews.
- Detail-oriented with a focus on test coverage, debugging, and code quality under deadlines.
- Comfortable leading discussions, documenting system behavior, and ensuring clarity across technical teams.

Achievements & Certifications

- Solved **150+ LeetCode problems** (80E/50M/20H) and ranked in the **Top 5%** (Rank: 1427) in a Biweekly Contest.
- Completed NPTEL certification in Data Analysis with Elite grade.