

SHRASTI AGRAWAL

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EDUCATION

B.Tech in Computer Science and Engineering, Noida Institute of Engg. and Technology
CGPA: 7.5 Aug 2021 – June 2025

10th Class, CBSE Board
Percentage: 80% 2019

12th Class, CBSE Board
Percentage: 72.3% 2021

SKILLS

Frontend	React.js, TypeScript, JavaScript, HTML5, CSS3, Vite
Backend	Java (Core, JDBC), Spring Boot (basic), REST APIs
Database	MySQL, SQL
Tools	Git, GitHub, Postman, VS Code, Jira (basic), Excel
Soft Skills	Communication, Analytical Thinking, Teamwork, Documentation

EXPERIENCE

React Developer (Contractual) July 2025 – Present
RV Solutions Pvt. Ltd. – Deployed at RITES, Gurgaon *On-site*

- Working on the digital transformation project of RITES using React, TypeScript, and Vite.
- Developed reusable UI components and optimized performance for critical modules.
- Integrated RESTful APIs and improved responsiveness across various screen sizes.
- Collaborated with cross-functional teams to meet tight delivery timelines.

Software Developer and Tester Intern Feb 2025 – June 2025
Velocity Software Solutions Pvt. Ltd. *On-site*

- Developed and tested modules in collaboration with senior developers, ensuring functional correctness and usability.
- Executed manual test cases and identified bugs, leading to a 30% improvement in product quality.
- Maintained defect logs using Excel and Google Sheets, ensuring issue traceability and timely resolution.
- Supported the deployment team by verifying test builds and logging defects in pre-production environments.

PROJECTS

Driver Drowsiness Detection System. Implemented a real-time detection system using OpenCV and Haarcascade. Emphasis on thorough test planning to validate detection under various lighting conditions.

CPU Scheduling Algorithms. Developed a C++ project and designed test cases to verify different CPU scheduling algorithm outputs (FCFS, SJF, Priority, Round Robin).

CERTIFICATIONS

Coursera – **Human-Centered Design for Inclusive Innovation** – Grade: 100% (May 2022)

Coursera – **Basic Data Descriptors & Statistics** – Grade: 86.54% (Sep 2022)