Harshit Ranjan

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Career Objective

Motivated Software Engineer with core skills in Java, DSA, and Frontend Development. Experienced in solving 200+ CodeChef problems and building foundational web apps using HTML, CSS, and JavaScript. Eager to contribute to impactful software projects with clean, efficient code.

Education

- **B.E. - Computer Science** | SLIET, Punjab | (Pursuing)|CGPA:7.63
- **Diploma -Servicing & Maintenance of Medical Instrumentation** | SLIET | CGPA: 8.11
- **10th** | St. Joseph's Sr. Sec. School (CBSE) - 2020 | 63%

Projects

Line Following Car

The Line Following Robot is an autonomous robotic system designed to detect and follow a specific path marked on the ground, usually in the form of a black line on a white surface (or vice versa). This project integrates fundamental concepts from embedded systems, sensor integration, and control algorithms.

Tech Used: IR Sensors, Microcontroller Unit, Motor Driver Circuit, DC Motor

Technical Skills

- Languages: Java, HTML, CSS, JavaScript, SQL
- DSA: Arrays, Linked Lists, Patterns
- Tools: GitHub, VS Code, Workbench

Courses

- Alpha (DSA with Java), Apna College - Covered arrays, linked lists, algorithms.

Experience / Internship

- CSDT IT Solutions - Core Java Internship (03-20 June 2024). Learned Java concepts including OOPs, collections, and exception handling.

- Web Development Internship - Focused on JavaScript development, built small projects and improved frontend skills.

Achievements

- ACompleted Alpha (DSA with Java) course.

- Solved 200+ CodeChef problems

- Qualified HackWithInfy 2025