



# SHAURYA GAUR

## FULL STACK DEVELOPER, AI/ML SPECIALIST, TECHNOLOGICAL ENTHUSIAST

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•  [github/s7g4](#)

•  [s7g4.github.io/Portfolio/](#)

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### ABOUT ME

I am a third-year Computer Science and Engineering student at Netaji Subhas Institute of Technology, New Delhi. Passionate about problem-solving, machine learning, and software development, I actively contribute to open-source projects, focusing on creating efficient solutions to real-world challenges. I am always keen to learn new technologies, develop innovative software, and apply my knowledge through practical projects. My goal is to work at the intersection of AI, software development, and optimization to make a meaningful impact in the tech world.

### TECHNICAL SKILLS

- Problem-Solving
- Machine Learning
- Software Development
- Open-Source Contribution
- Database Management
- Algorithms
- Rust Programming
- Version Control And Git
- Full Stack Development

### WORKS AND PROJECTS

#### SpaceCAN Implementation to Rust

Mar 2025 - Present

Implementation of SpaceCAN from MicroPython to Rust for LibreCube, enhancing communication protocols for space missions. This project involved optimizing the protocol for space environments, ensuring better reliability and performance.

- Optimized code for improved efficiency and scalability in space systems.
- Developed sample packets to test and validate the implementation in real-world scenarios.

#### Chatbot for Hackathon

Apr 2025 - May 2025

A conversational AI chatbot developed for a hackathon, incorporating sentiment analysis, personalization, and multi-modal support (audio and text). This project aimed to enhance user experience by adapting responses based on user emotions and preferences.

### EDUCATION

#### Bachelor of Technology in Computer Science Engineering

Aug 2023 - Present

Netaji Subhas Institute Of Technology, Dwarka, Delhi

- Major in Computer Science Engineering with Specialisation in Mathematics.

#### High School Graduate

May 2021 - May 2023

Delhi Public School, Vasant Kunj, Delhi

- Completed coursework in Physics, Chemistry, Mathematics, and Computer Science with a strong academic record.

### ADDITIONAL INFORMATION

- **Languages:** English (Fluent), Hindi (Native).
- **Certifications And Awards:** Top 3 in Vigyantram (National level), Open-Source contribution in LibreCube.