

# Sparsh Prajapati

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## PROFILE

Aspiring Software Developer with a robust technical foundation, proficient in Java, web technologies (JavaScript, Angular, Spring Boot, Microservices, .NET), back-end development (Node.js, Epress.js), and databases (MySQL, MongoDB). Equipped with strong academic credentials and practical experience in software development, project management, and collaborative teamwork. Skilled in Git version control, committed to continuous learning, and enthusiastic about leveraging technical expertise to drive innovative technological solutions in the rapidly evolving computer science landscape.

## SKILLS AND INTERESTS

**Languages:** Java, C++

**Development:** HTML, CSS, Bootstrap, JavaScript, Node.js, Express.js, Servlets, JSP, Hibernate/JPA, Spring MVC, RESTful APIs, Microservices

**Framework:** Spring Boot, Hibernate/JPA, RESTful APIs, Angular, JUnit

**Tools:** Git, Command Line, VS Code, Docker, Jenkins, Maven

**Cloud/Databases:** MySQL, MongoDB, RDBMS

**Design:** Knowledge of Design Patterns and Microservices Architecture

**Soft Skills:** Synergetic, Result-driven, Well Scheduled, Team collaboration

## EDUCATION

### Diploma in Advance Computing

CDAC ACTS, Pune

**Feb 2025**

Percentage: 72.63 %

### B. Tech Computer Science and Engineering

Manipal University Jaipur

**June 2024**

GPA: 7.35/10.00

### Senior Secondary Schooling (XII)

Lions Public School, Gurugram

**June 2020**

Percentage: 85.6 %

## INTERNSHIPS

### Defence Research and Development Organisation (DRDO), Delhi

Feb 2024 - June 2024

Summer Intern

- Engineered a Python-based link budget calculator, optimizing computational time by 92% (from 45 to 3 minutes). Orchestrated satellite communication analysis with 99.8% computational accuracy across diverse scenarios.
- Implemented satellite communication analysis tool with 99.8% computational accuracy across multiple scenarios.

### National Council of Educational Research and Training (NCERT)

Feb 2022 - Mar 2022

Summer Intern

New Delhi

- Redesigned and enhanced 5 NCERT textbooks for Class 11th and 12th using HTML and CSS, boosting readability and content accuracy by 25%.
- Coordinated closely with editors and subject matter experts to maintain rigorous quality standards for 5 NCERT textbooks, achieving on-time delivery that met all project milestones.

## PROJECT

### Enterprise E-commerce Application

- Customers can browse products, add items to cart, and securely complete transactions. Admins manage inventory, process orders, and generate sales analytics with real-time dashboards. Integrated payment gateway ensures seamless checkout experience.
- Implemented role-based access control and JWT authentication for secure user sessions. Adopted microservices architecture with modular code structure and Docker-based deployment. Improved deployment efficiency by 50%.

## CERTIFICATIONS

### The Complete Web Development Bootcamp

By Dr. Angela Yu

[Certificate Link](#)

Certificate ID: UC-f9523256-d741-4ecd-8b09-bbaf00a48724

### SOAP Web Services with JAX-WS

By Learn Quest

[Certificate Link](#)

Certificate ID: 5A4UJMVFJ5YZ

### Enterprise Java Beans (EJBs) and the Jakarta Persistence API (JPA)

By Learn Quest

[Certificate Link](#)

Certificate ID: 875DYBST4ZU6