

# PRITHVIRAJ SAWANT

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[Portfolio](#)

## Experience

### ISRO – INDIAN SPACE RESEARCH ORGANIZATION

Dec 2022 – Jun 2023

#### Project Internship | Bangalore, India

- Addressed ISRO-RRSC's longstanding concern on **lake water quality assessment**.
- Prototype assesses the water quality of lakes & classifies the the water quality based on **Machine Learning** Model.
- Employed **Agile** methodology in designing and developing a robust application.
- My key responsibilities included **website development** and **DBMS** management for the authentication system.

**Technologies & Tools :** Java, J2EE, SpringBoot ,SpringMVC, Hibernate, Java Database Connectivity (JDBC), MySQL, ORACLE SQL\*Plus, JavaScript, HTML5, CSS3, Document Object Model (DOM), Bootstrap, Git, GitHub.

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## PROJECTS

### Web Scraper – Multithreading | [GITHUB](#)

May 2024 – Jul 2024

- Developed a **dynamic** web scraper servlet in Java utilizing **Jsoup** library for parsing HTML content.
- Implemented multithreading with **ExecutorService** to concurrently scrape multiple URLs, resulting in a **24.48% reduction in execution time** compared to single-threaded processing.
- Skills used :** • Multithreading • J2EE • Servlets • Jsoup Library • HTML5 • CSS3 • Git • GitHub

### POS Food Order Application – SpringMVC | [GITHUB](#)

Dec 2023 – Jun 2024

- Engineered** a POS (Point of Sale) application to streamline customer data and food order management, enhancing data handling efficiency and order history insights.
- Implemented authentication system**, granting user privileges and managing customer profiles.
- Pioneered a high-fidelity interface** for improved user engagement and experience.
- Skills used:** • Spring MVC • J2EE • Hibernate • Document Object Model • DBMS • MySQL • JavaScript • HTML5 • CSS3 • Git • GitHub

### TO-DO List – Using browser's Local Storage | [TRY NOW](#)

May 2024 – May 2024

- Engineered a dynamic to-do application with HTML5, CSS3, and JavaScript, implementing local storage for persistent task saving and optimizing performance and UI for a seamless user experience.
- Skills used :** • JavaScript • Document Object Model • HTML5 • CSS3 • Pug • Git • GitHub

## EDUCATION

### JSPIDERS – TRAINING AND DEVELOPMENT CENTER

Dec 2022 – Present

JAVA FULL STACK • BANGALORE, INDIA

### MVJ COLLEGE OF ENGINEERING , B.E.

Aug 2019 – Jun 2023

ELECTRONICS AND COMMUNICATION ENGINEERING • BANGALORE, INDIA

### SRI CHAITANYA COLLEGE OF EDUCATION

Mar 2018 – May 2019

12th CBSE • PCM-IT • BANGALORE, INDIA