PRITHVIRAJ SAWANT

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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.
- My key responsibilities included *Web Development* and *Data Base Management.*
- **Problems tackled :** Team co-ordination, Data-Sets Collection, Integrating an interactive dashboard displaying predicted water quality values & it's classification.

Technologies :   Java, SpringMVC, SpringBoot, Hibernate, SQL, J2EE
Tools :   MySQL Workbench, GitHub, Eclips IDE, VS Code

PROJECTS

Web Scraper – Multithreading | GITHUB   Jun 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 • Servlets • Jsoup Library • HTML5 • CSS3 • Git • GitHub

POS Food Order Application – SpringMVC | GITHUB Video Demo.   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 CRUD operations**, granting user privileges and managing customer profiles.
- **Pioneered** a **high-fidelity interface** for improved user engagement and experience.
- *Skills used:* • Spring MVC • J2EE • Hibernate • DBMS • MySQL Workbench • HTML5 • CSS3 • JavaScript • 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 • HTML5 • CSS3 • Git • GitHub

EDUCATION

JSPIDERS – TRAINING AND DEVELOPMENT CENTER   Dec 2022 – Apr 2024

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