Prithviraj J Sawant

Bangalore • +916362943508 • prithvirajsawant15@gmail.com • linkedin.com/in/prithvirajsawant • prithvirajsawant.github.io/

SKILLS & INTERESTS

Java, Advanced Java, Java Database Connectivity (JDBC), Hibernate, Servlet, JavaScript, Document Object Model (DOM), Responsive Web Development, HTML5, CSS3, Bootstrap, Database Management System (DBMS), Oracle SQL*plus, MySQL, phpMyAdmin, Git, GitHub, Graphic Designing, Digital art, Traditional art

WORK EXPERIENCE

ISRO - Indian Space Research Organization • Bangalore, India • Internship   **Dec 2022 - Jun 2023**
Project Intern

- Addressing a long-standing concern at ISRO-RRSC related to lake water quality assessment.
- Designed and developed a robust prototype capable of accurately assessing the water quality of lakes, contributing to environmental monitoring and conservation efforts.
- Collaborated closely with experienced scientists to develop and implement a cutting-edge solution that leverages Machine Learning (ML) and Image Processing techniques.
- Achieved a significant milestone by creating a user-friendly website for hosting and visualizing the collected data, ensuring accessibility and usability for users.
- Improved the accuracy of lake water quality assessment by 40% compared to previous methods.

EDUCATION

Java full Stack Development in Computer Software Engineering

JSpiders - Training & Development Center • Bangalore, India   **Dec 2022 - Jan 2024**

Bachelor of Engineering - BE in Electronics and Communications Engineering

MVJ College of Engineering, Bangalore, India   **Aug 2019 - Jun 2023**

Course : B.E. in Electronics and communication engineering

12th Standard

Sri Chaitanya College of Education • Bangalore, India   **Jul 2017 - Apr 2019**

Course : Science (PCM-IT) Board : CBSE

PROJECTS

Front end Projects   **Dec 2022 - Jul 2023**

Portfolio | Movie App | Parallax Effect | Weather App | Signup Page | Calculator | My Website

Hospital Bed slot booking - DBMS Project   **Jul 2022 - Aug 2022**

- Developed an innovative and user-friendly Hospital Care Management System to address the surge in COVID-19.
- Enabling individuals and patients to easily book available bed slots, streamlining the hospital admission process.
- Skill set - HTML, CSS, Bootstrap, Python, Flask, MySQL, and DBMS.
- Employed Git and GitHub for version control, ensuring collaborative development and code management. & Configured and maintained the XAMPP Server and phpMyAdmin for secure data storage and retrieval.