PRABIN R

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GitHub: Prabin R

PROFILE SUMMARY

Aspiring Software Developer with strong fundamentals in Java and SQL, and hands-on experience building web applications through projects. Familiar with CRUD operations, RESTful APIs, and structured data. Actively learning and improving problem-solving skills, with an interest in contributing to scalable software solutions.

EDUCATION

St. Xavier's Catholic College of Engineering, Nagercoil   Nov 2021 - May 2025
Electronics and Communication Engineering – B.E.   **CGPA: 8.1**

SMR National School, Kulasekaram   Jun 2020 - May 2021
HSC, Bio-Maths   **Percentage: 90.4%**

N.M.Vidya Kendra, CBSE Senior Secondary School, Vellamcode   Jun 2018 - Apr 2019
SSC   **Percentage: 92.8%**

TECHNICAL SKILLS

- **Languages:** Java, JavaScript
- **Frontend:** HTML, CSS, React.js, Bootstrap
- **Databases:** MySQL, XAMPP
- **Backend:** Core Java, Spring Boot
- **Tools:** Git, Postman, IntelliJ IDEA, Eclipse

PROJECTS

- **Instagram Clone**
  - Built an Instagram-like social media interface using React.js
  - Implemented core features such as follow/unfollow, profile update, and story viewing
  - Focused on responsive design and dynamic Ul rendering for an interactive user experience
- **Booksky Web Application**
  - Developed a simple web app using HTML, CSS, and JavaScript to perform CRUD operations
  - Enabled users to add, view, edit, and delete books, each having attributes like name, author, and description
  - Focused on creating a clean and user-friendly interface for efficient book management
- **StyleHub – E-Commerce Web Application (Frontend)**
  - Built a React-based e-commerce frontend with routing and authentication logic
  - Implemented protected checkout and global cart management using Context API
  - Designed a clean UI and structured the application for backend integration
- **Real-Time Fire Detection and Suppression**
  - Designed and developed a real-time fire detection and suppression system using embedded systems and machine learning algorithms
  - Leveraged YOLOv5 (CNN) for accurate fire detection
  - Integrated detection logic with a suppression mechanism to enable timely response

INTERNSHIP

- **M-Squared Software And Services**   Jun 2024 - Jul 2024
  - Trained in Core Java, JDBC, and Spring Boot fundamentals
  - Used MySQL for database connectivity and data handling
  - Worked on simple CRUD-based applications such as student and employee management systems

ACHIEVEMENTS

- Final Year Project, "Real-Time Fire Detection and Suppression System" published at the International Conference on Control Instrumentation Communication and Computational Technologies (ICCICCT 2025)
- Won Best Bowler award at the Anna University Zonal–19 Cricket Tournament 2024-25

LEADERSHIP ROLE

- Former Captain – College Cricket Team