MANIKANDAN S

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Github | Guvi | Hackerrank | Linkedin

OBJECTIVE

Software development professional with strong background in problem-solving. Proficient in languages such as Java, React and Spring. Seeking opportunities to contribute my expertise as a **Full Stack Development**.

SKILLS

HTML, CSS, JavaScript, React, Java, SQL

EDUCATION

Bachelor of Engineering in Computer Science   **2019-2023**
KPR Institute of Engineering and Technology (Anna University)   CGPA-8.23

PROJECT

REMOTE HIRE

- Developed Remote Hire, a full-stack web application using Java, Spring Framework (backend), and React.js (frontend) for managing job applications, job postings, and user activities.
- Designed and implemented responsive user interfaces with React, HTML5, CSS3, and JavaScript to ensure a seamless user experience.
- Created and integrated RESTful APIs using Spring Boot for smooth data communication between frontend and backend services.

IOT -SMART INVENTORY MANAGEMENT SYSTEM

- Developed an Automated Inventory Tracking system using NodeMCU ESP8266 and loadcells to Measure the weight of grocery containers, automating inventory management and reducing manual errors.
- Integrated IoT with ThingSpeak for remote inventory monitoring and real-time notifications via the Blynk app when stock levels fall below predefined thresholds.
- Designed a low-cost, easily deployable system with expansion potential, including database integration for historical data and the possibility of integrating with local vendors for automatic reordering.

INTERNSHIP

Data Science and Machine Learning using Python **on ELECTROCLOUD LABS**

- Built a Random Forest Classifier to predict company sales using historical data.
- Conducted data analysis and visualization to identify key factors affecting sales.

CERTIFICATES

- Oracle Certified **Associate Java SE 8** Programmer
- **Java Full Stack Developer** Course – Besant Technologies, Chennai.

PUBLICATION

- **IOT -SMART INVENTORY MANAGEMENT SYSTEM** (IEEE CONFERENCE)   **2023**