PRANAY KUMAR DODLE

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TECHNICAL SKILLS

- Programming Language   : Java
- Relational Database   : MySQL
- Backend Framework   : Spring, Spring Boot
- Frontend Library   : React JS
- Frontend Framework   : Angular
- Frontend Technologies   : HTML/CSS, JavaScript
- Tools   : Git (Version Control System)

TECHNICAL SUMMARY

- **Programming Skills:** Proficient in loops, arrays, string manipulation, and object-oriented programming (OOP). Skilled in multithreading, synchronization, exception handling, and collections like lists, sets, and maps for efficient data management.
- **MySQL:** Proficient in creating and managing databases using **Data Definition Language (DDL)**, **Data Manipulation Language (DML)**, and **Data Query Language (DQL)** commands. Experienced in effective data manipulation and performing complex queries, including various types of **JOINs**.
- **Spring Boot:** Proficient in Spring Boot, with expertise in Spring Framework, Spring Data JPA, Spring JDBC, and building RESTful services. Well-versed in Spring MVC and experienced in integrating Spring applications using various modules, including Spring Bridge Course.
- **React:** Skilled in React library with expertise in SPAs, component-based architecture, props management, conditional rendering, routing, lazy loading, React Hooks (e.g., useState, useEffect, useRef), and component lifecycle methods for dynamic UIs.
- **Angular:** Skilled in bootstrapping apps, component interaction, routing, services (DI), observables, lifecycle hooks, and lazy loading for performance optimization.
- **HTML, CSS & JavaScript:** Proficient in designing and implementing responsive and interactive web interfaces.
- **Version Control:** Advanced skills in Git, including repository management, branching, merging, and collaboration on GitHub.
- **Communication:** Strong communication, analytical, and problem-solving skills, with a passion for learning new technologies.

EDUCATION

- **B.Tech in Information Technology**
  Vignana Bharathi Institute of Technology | Aug 2019 – Jun 2023 | CGPA: 7.14
- **Intermediate (Class XII)**
  Narayana Junior College | Jul 2017 – Apr 2019 | Percentage: 86.2%
- **SSC (Class X)**
  Geethanjali High School | Jun 2016 – Apr 2017 | Percentage: 80%

PROJECTS

❖ Academic Project: Campus Pod

- **Objective:** Developed a navigation solution to assist newcomers in efficiently navigating a university campus by providing real-time directions to key locations such as administrative buildings, academic departments, the library, and the canteen from their current location.
- **Solution:** Designed and implemented a mobile application using Java and Android SDK that leverages Google Maps API to provide accurate and timely directions, ensuring users can reach desired locations with ease and improve their campus experience.
- **Technologies Used:**
- JDK 1.7.0
- Android SDK min 19 max 31
- Google map API

❖ Full Stack Project: Pesticides Management System

- **Technologies Used**: **Frontend**: Angular **Backend**: Spring Boot **Database**: MySQL **API Development**: RESTful Services.
- Developed a **web application** to facilitate the online purchase of agricultural products, including Urea, Potassium, and DAP e.t.c., empowering farmers to acquire pesticides and fertilizers without waiting in long queues. The platform enhances **accessibility** and **convenience**, particularly for farmers who encounter difficulties in obtaining essential supplies.
- Implemented **RESTful API endpoints** using **Spring Boot** to enable efficient backend communication and integration with the **Angular** frontend.
- Created functionalities to display critical pesticide information, including name, price, quantity, usage precautions, and restrictions, along with images, brand names, chemical composition, and product ratings.
- Managed **CRUD operations** for pesticide data using **Spring Data JPA**, incorporating pagination and repository features for optimized data handling.
- Employed **Angular** for frontend development, focusing on component interactions, API requests, and lifecycle management through hooks.
- Designed and structured a **MySQL database** for effective data storage and retrieval, overseeing pesticide details, pricing, and order quantities.

CERTIFICATION

- ❖ **Full Stack Java Certification** Certified by Coding Hub Innovations Pvt. Ltd. upon successful completion of the course.