Dinesh Kumar S

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SUMMARY:

- Highly skilled full stack developer with real-time project experience in building robust and scalable web applications. Proficient in React JS, React Redux, Node JS, Express JS, HTML, CSS, Tailwind CSS, and database management with PostgreSQL and MongoDB.
- In-depth knowledge of AG Grid for advanced data table functionalities. Experienced in developing an integrated solution for Inventory Management, Warehouse Management, and Orders Management. Seeking a challenging role to utilize my technical expertise and contribute to the development of innovative software solutions.

TECHNICAL SKILLS:

Languages: JavaScript(Node.js), C Programming, Java (Intermediate)
Front-end Technologies: React JS, Next JS, React Redux, HTML, CSS,JavaScript, Tailwind CSS
Back-end Technologies: Node JS, Express JS
Database: PostgreSQL, MongoDB (Basics)
Data Table: AG Grid
Version Control&DevOps: Git, GitHub, Azure DevOps,Docker, IIS Server, CI/CD Pipelines.
Cloud Platform: Microsoft Azure, AWS (Basic)
Cloud Services: AWS (EC2, S3), Azure(Azure Blob Storage)
Tools: VS Code, Postman, MongoDB Compass, PgAdmin, HeidiSQL.
Problem-solving and **Debugging Skills**

PROFESSIONAL EXPERIENCE:

Aroopa Technologies Pvt Ltd   **July'24 - Present**
Role: Associate Software Developer

Aroopa Technologies Pvt Ltd   **March '23 - June'24**
Role: Full Stack Developer Intern

Responsibilities:

- Developed and maintained web applications using React Js, React Redux, Node Js, and Express Js.
- Designed and implemented responsive user interfaces with React JS and Tailwind CSS.
- Integrated React Redux for state management and implemented actions, reducers, and selectors.
- Utilized AG Grid extensively to implement advanced data table functionalities such assorting, filtering, and pagination.
- Developed an integrated solution for Inventory Management, Warehouse Management, and Orders Management.
- Implemented features for managing inventory, tracking shipments, and generating packing lists.
- Developed features for order creation, order status tracking, and generating order reports.
- Integrated PostgreSQL with the web application backend, ensuring seamless data flow and synchronization.

- Utilized PostgreSQL database for data management and incorporated trigger functions and advanced queries for enhanced functionality.
- Conducted code reviews, identified, and fixed bugs, and improved application performance. Utilized Git for version control, Azure Repos for repository management, and Azure DevOps for CI/CDpipelines.
- Collaborated with cross-functional teams to gather requirements and deliver high-quality software solutions.

PROJECT MODULES WORKED:

- **Purchase Order Module** (Bulk PO and Dropship PO): Implemented features for creating, managing, and tracking purchase orders, ensuring seamless procurement processes.
- **Catalog Module** (Advanced Products Management): Implemented features for managing single products and kit products, allowing efficient inventory stock management with multiple warehouse locations. Developed functionalities to check available quantity and reserved quantity for better inventory control.
- **Inventory Module:** Implemented inventory across different warehouse locations. Implemented features to add, remove, and move inventory between locations, ensuring accurate stock management and efficient inventory tracking.
- **Supplier Module:** Efficient management of both SPS (Strategic Preferred Suppliers) and non-SPS suppliers. Implemented features to maintain supplier information.
- **Shipment Module:** Creating and managing shipments for purchase orders.
- **Picking List Module:** Developed a real-time and interactive UI guiding users to the best locations for picking products using live user and product location data on a 2D layout.
- **Shipping Module:** Implemented shipping label and invoice generation through multiple shipping service integrations, including UPS, USPS, and FedEx.
- **Dropship Module:** Developed functionalities for split and combined order dropship processing.
- **Order Management:** Integrated order fetching from multiple sales channels such as Amazon, Shopify, and Walmart, along with seamless import and synchronization.

EXTRA ACTIVITIES:

Joint Secretary - EEE Department Association ,Coordinated departmental activities and events during my time in college.

COURSES AND CERTIFICATES

- **NPTEL**: Data Structures and Algorithms in Python (Apr 2022), Internet of Things (Nov 2021), Problem Solving in C (May 2022), Programming in Java (Oct 2022).
- **Udemy**: MySQL, PostgreSQL, MongoDB (Sept 2022), Web Development Bootcamp (July 2022).
- **Alison**: CompTIA A+ 1000 Computer Hardware (Feb 2021).

EDUCATION:

KIT-Kalaignarkarunanidhi Institute of Technology, Coimbatore - (2020-2024)
Degree: Bachelor of Engineering
Course: Electrical and Electronics Engineering
CGPA: 8.5