

# Dharmavarapu Dinesh Kumar

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## Software Developer

Full Stack Developer with 1.5 years of hands-on experience in designing, developing, and maintaining web applications. Experienced in backend development using PHP (5 months) and CFML (1.1 years), along with PostgreSQL (PgSQL) for database design, querying, and performance optimization. Proficient in frontend technologies including React.js, Bootstrap 5, and SCSS for building responsive and user-friendly interfaces. Strong understanding of RESTful APIs, database-driven applications, and component-based UI architecture. Proven ability to collaborate with cross-functional teams, translate business requirements into technical solutions, and deliver scalable, maintainable applications. Passionate about clean code, performance optimization, and continuous learning.

## Area of Expertise

- UI/UX Development and design, Using React.js and respective Frameworks
- Database design and SQL querying.
- Back-end integration using rest API's.
- Building backend logics using PHP, J-query, CFML, and Python.
- Building pipelines and LLM models using Python frame works.
- Automate Apps using Pega Automation Tools.

## Professional Experience

### Amerind data solutions Junior Software Developer

November 2024 - present

- Collaborated closely with backend developers and business stakeholders to build interactive, accessible, and user-focused web applications.
- Integrated multiple APIs and backend services with the frontend to ensure well-structured, reliable, and accessible data flow.
- Worked alongside Quality Assurance and implementation teams to improve user compatibility, usability, and overall product understanding.
- Conducted knowledge transfer sessions on WCAG accessibility tools, enabling faster and more effective quality analysis and improved client outcomes.
- Ensured the entire application was cross-browser compatible, fully responsive, and delivered a smooth user experience across all devices and browser's.
- Handled and resolved tickets raised by Quality Assurance and clients, ensuring smooth product functionality and timely issue resolution.
- Collaborated with cross-functional teams to identify shared functionalities and reusable style components, improving development efficiency and scalability.
- Assisted with backend logic implementation and fixes when immediate or critical requirements arose, ensuring uninterrupted application flow.

- Collaborated with the entire team to identify common functionalities and reusable styles, enabling efficient and scalable development.
- Identified recurring issues and resolved them effectively, reducing redundancy and improving system reliability.
- Designed and queried databases to ensure fast, secure, and efficient data storage and retrieval.
- Integrated PHP-based backend APIs with the frontend using jQuery to enable smooth UI interactions and server-side processing.
- Ensured the entire application was cross-browser compatible, fully responsive, and delivered a smooth user experience across all devices and browser's.
- Conducted and participated in knowledge transfer sessions to strengthen team collaboration and overall productivity.

## **Key projects**

### **LabCliq**

It is an EHS (Environment, Health & Safety)-based enterprise product focused on accurate record-keeping and structured organization of client data related to inspections, incidents, chemicals, and safety compliance. As a UI Developer, I designed and delivered a user-friendly, responsive, and accessible interface using React.js, Bootstrap 5, and SCSS, following modern UI/UX and accessibility standards. I developed reusable components, ensured cross-browser compatibility, and optimized performance for a seamless user experience. Additionally, I handled frontend integration with CFML-based backend APIs, addressing UI and integration tickets raised by clients and the Quality Assurance team, while collaborating closely with backend developers and stakeholders to ensure stable, high-quality releases.

### **LabCliq – Data Manager and RAD UI and accessibility**

The Data Manager and RAD modules were utilized to organize and manage chemical data, user information, inspections, and other EHS-related records. I designed and implemented a new, modern user interface that is fully responsive, cross-browser compatible, and accessibility-compliant, using best UI/UX practices. The updated UI improved data clarity, navigation, and usability, ensuring a smooth and consistent experience across different devices and browsers while supporting efficient data management and user interaction.

### **Dwaraka – Apartment Management system**

An Apartment Management System was developed using PHP and MySQL for backend logic and database management, with CSS and jQuery for frontend styling and Integration with backend. The system was designed to efficiently manage apartment-related operations such as resident details, unit information, maintenance requests, billing, and administrative records. Emphasis was placed on clean UI design, responsive layouts, and smooth user interactions, along with secure data handling, optimized database queries, and seamless frontend-backend integration to ensure reliable performance and ease of use for both administrators and residents.

## **Education**

### **Bachelor of Engineering**

Computer science and engineering – Data Science,  
Avanthi, Visakhapatnam, Andhra Pradesh

(2020 –24)