

Sakthivel P

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SUMMARY

With over 3+ years of experience in the software industry, I specialize in the analysis and development of web applications. I am skilled in designing solutions based on requirements and known for writing efficient, maintainable, and reusable code that ensures privacy and security. I am adept at delivering timely and stable fixes for issues while effectively prioritizing tasks based on criticality. My technical proficiency in PHP, Laravel, JavaScript, HTML, and CSS, combined with strong problem-solving abilities and collaborative team skills, has contributed to significant improvements in system efficiency and enhanced user engagement.

TECHNICAL SKILLS

Web Development & Frameworks: PHP, Laravel, HTML, CSS, JavaScript, REST API

Databases & Tools: MySQL, PHPMyAdmin, Git, Jira

E-commerce Platforms: BigCommerce, Shopify

PROJECTS

UWA (Uganda Wildlife Authority) Booking System

June 2022 - Sep 2024

- In this project, I worked on architecting and developing a web-based application for the Uganda Wildlife Authority (UWA), which manages national parks, wildlife reserves, and sanctuaries. The goal was to create an efficient park booking system for customers, offering both online and offline booking options
- **Booking System:** Developed an online platform for customers to book tickets for visiting national parks and the system allowed for customized booking options based on user preferences and park availability
- **Integration of Park Data:** Worked on integrating park data into the system, ensuring accurate information about the parks, activities, and locations was displayed to users
- **Maintenance & Bug Fixing:** Addressed any ongoing issues and worked on enhancing the existing system based on user feedback and new requirements.

RTCQILOGBOOK

May 2021 - Apr 2022

- The **RTCQILOGBOOK Project** was designed to collect and manage medical information related to **HIV Testing Services (HTS)**, allowing healthcare professionals to record individual test results, categorize them into positive, negative, or intermediate results, and generate detailed reports
 - * **HTS Register:** The heart of the system, this comprehensive database stored all information about individuals undergoing HIV tests, their results, and any necessary follow-up actions.
 - * **Real-time Data Tracking:** The system allowed for the real-time tracking of HIV test results, aiding healthcare providers in quickly identifying trends and making data-driven decisions.
 - * **Enhanced Reporting:** Generated reports were crucial for local and national health department compliance, helping to monitor and control the spread of HIV.

EXPERIENCE

Innoppl (Software Programmer)

Sep 2024 – Feb 2025

- **Technologies Used:** BigCommerce, Shopify
 - * Developed and managed e-commerce websites, web applications, and other websites.
 - * Worked with designers to create unique, customer-centric designs.
 - * Worked as part of a team to implement and execute e-commerce strategies
 - * Maintained and updated existing features and applications.

Infosys (Senior Systems Engineer)

Apr 2022 – Sep 2024

- **Technologies Used:** PHP, Laravel, JavaScript, HTML, CSS, Ajax, MySQL

As part of my role at Infosys, I gained extensive experience working with the **PHP Laravel Framework** to develop and maintain web applications. I played a key role in bug fixing, performance optimization, and the addition of new modules through CRUD operations

- **Modules Developed:**

- * **Park Module:** Built functionality for managing park-related data, including location, availability, and booking options.
- * **Park Location Module:** Developed a feature that manages and displays park locations and their corresponding details.
- * **Activities Module:** Implemented the management of activities within the park, allowing users to view and book activities based on their preferences.
- * **Indent Module:** Developed a system for managing inventory and requests for park supplies or resources.

Deforay Technologies (Software Engineer)

May 2021 – Apr 2022

- **Technologies Used:** PHP, Laravel, JavaScript, HTML, CSS, Ajax, MySQL

As a Software Engineer at Deforay Technologies, I contributed to the development of the **RTCQILOGBOOK** project, which involved collecting and managing critical medical data related to HIV testing. The primary focus of this project was to create a comprehensive tool, the **HTS Register**, which allows healthcare providers to record, manage, and report HIV testing results. **CRUD Operations Development:**

I designed and implemented various modules using Laravel for seamless **CRUD operations** (Create, Read, Update, Delete) in the following areas:

- * **User Management:** Developed user authentication and management features for admin and healthcare providers.
- * **Test Site & Test Kit Management:** Enabled users to manage test site information and available test kits, ensuring smooth operations at testing centers.
- * **Monthly Report Generation:** Created modules to generate detailed reports (logbook and invalid result reports), allowing healthcare administrators to track results over time.

EDUCATION

Madras University

MBA in Human Resources (HR)

Chennai
2019 – 2021

Ramakrishna Mission Vivekananda College

Bachelor of Computer Science

Chennai
2016 – 2019