

Muthu Velan

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OVERVIEW

Highly motivated PHP Laravel Developer with 4.4 years of experience at Kaspon Techworks. Skilled in API development and integration, with a proven track record of delivering efficient and scalable solutions. A proactive team player who has contributed innovative ideas to enhance team performance and drive growth.

WORK EXPERIENCE

PHP Laravel Software Developer

Oct 2021 - Present

Kaspon Techworks Pvt Ltd | Chennai, India.

- Expertise in developing scalable and high-performance web applications using **Laravel** framework.
- Proficient in PHP and Laravel's **MVC architecture**, with experience in developing **RESTful APIs** and web services.
- Strong understanding of **Object-Oriented Programming (OOP)**, design patterns, and **SOLID** principles. Skilled in database design, schema management, and query optimization using **MySQL**.
- Experience with version control systems like Git, and collaboration using GitHub.

Backend Development

- Extensive experience in developing and maintaining complex backend systems **using Laravel and PHP**.
- Expertise in building RESTful APIs, **handling requests**, and **managing authentication** using Laravel Passport, Sanctum
- Proficient in database design, writing complex queries, and using **Eloquent ORM** for efficient database interactions.
- Integrated third-party services like **payment gateways** (Stripe, PayPal), Implemented **Cron jobs** for asynchronous operations.
- Solid understanding of security best practices, such as input validation, preventing SQL injection, and handling sensitive data encryption.
- Basic understanding of MVC architecture in **CodeIgniter**, with experience in creating simple web applications and forms.

Frontend Development

- Proficient in front-end technologies including **HTML5**, **CSS3**, **JavaScript**, and responsive design using **Bootstrap**.
- Experience in creating reusable components, UI/UX enhancements, and integrating front-end with RESTful APIs.
- Implemented **AJAX** for seamless data updates, enhancing the user experience without reloading pages.
- Experience with JavaScript libraries and frameworks like **jQuery** for DOM manipulation and event handling.

PROJECTS

Vivashaboutique

2021-2022

- An e-commerce website similar to Flipkart, developed using **PHP Laravel** for the backend with PayPal payment integration.
- Implemented responsive and user-friendly interfaces with **HTML**, **CSS**, **JavaScript**, **jQuery**, **AJAX**, and **Bootstrap**, enhancing the overall user experience and accessibility.
- Developed an intuitive user portal that allows users to log in, browse product details, add items to their Wishlist or shopping cart, and place orders online.
- Built an admin portal for managing products, user orders, and application settings.
- Adapted and customized source code from **S-Cart** to meet specific client requirements.

MyOffice

2023-2024

- Developed a comprehensive HR management application using **PHP** and the **Laravel** framework, ensuring efficient handling of HR processes and data management.
- Built dynamic and interactive frontend interfaces with **HTML**, **CSS**, and **AngularJS**, enhancing user engagement and application functionality.
- Utilized **MongoDB** as the backend database solution to manage and store HR data, leveraging its flexibility and scalability for optimal performance.

Heartbeat CRON

2023-2024

- Developed a **CRON** job to generate reports from the database at scheduled intervals.
- Implemented functionality to **send generated reports** via email to the respective users automatically.
- Managed **master data** storage through the **admin panel**, enabling efficient data management.
- Provided **backend API support** for generating reports from the database using **cron jobs**.

TNCRP Data Visualization

2025-2025

- The project is named **TNCRP Data Visualization**. It focuses on managing and analyzing cancer-related data for reporting and visualization.
- The core functionality involves updating cancer data into the backend system. Once submitted, the data is stored in the database for further processing.
- The processed data and reports are then displayed on a user-friendly frontend built using **React.js**.
- I was responsible for the **Laravel backend**, where I developed APIs, implemented business logic, and performed all necessary calculations to support the reporting features.

YPAMCA

2025,2026(Phase 2)

- Developed and maintained a web application using **PHP** and the **Laravel** framework, ensuring robust backend functionality and seamless integration with the frontend.
- Implemented responsive and user-friendly interfaces with **HTML**, **CSS**, **JavaScript**, **jQuery**, **AJAX**, and **Bootstrap**, enhancing the overall user experience and accessibility.
- Designed and managed the application's database using **MySQL**, including creating complex queries and optimizing performance for efficient data handling.
- Integrated Stripe payment gateway to facilitate secure and efficient payment processing, including handling Payment Intent **API** for seamless transactions.
- Managed code and database changes using **HostGator** for efficient hosting and deployment.
- Implemented multiple portals in the application, including **Admin**, **Parent**, **Volunteer**, and **Coordinator**, each designed to provide role-specific functionalities.

CERTIFICATIONS

Completed Advanced **PHP Web Developer** course from RIT Infotech Solutions, Chennai.

EDUCATION

Master of Science (M.Sc.) - Physics

June 2018 - June 2020

Vellore Institute of Technology (VIT – Vellore)

SKILLS

PHP | Laravel | CodeIgniter | HTML | CSS | JavaScript | jQuery | Ajax | Bitbucket Actions | MySQL | MongoDB | Bootstrap | WordPress | React JS | Payment Integration | Frontend Development | Jira | Bitbucket | PayPal Integration | Backend Development | RESTful APIs | Documentation | Testing | Linux | Debugging | Database Management | Stripe Integration | Communication | Time Management | Twilio | HostGator | Problem Solving | Teamwork | Creativity | DOM