MUHAMMAD FAWAD HASSAN

TEAM LEAD | SR. LARAVEL DEVELOPER

PROFESSIONAL SUMMARY

Experienced **PHP Laravel Developer** with expertise in building dynamic, high-performance web applications using **Laravel**, **TALL Stack** (Tailwind CSS, Alpine.js, Laravel, Livewire), and modern technologies like **Inertia.js** and **Vue.js**. I specialize in creating efficient, maintainable, and scalable solutions that deliver seamless user experiences and robust backend functionality. I specialize in creating **efficient**, **maintainable**, **and scalable solutions** that deliver seamless user experiences and robust backend functionality. From **containerizing your code** with **Docker** for enhanced security and scalability to configuring servers on **AWS**, **Digital Ocean**, and other platforms, I ensure your application is built to perform and grow.

CONTACT

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Github: https://github.com/fadi06

KEY COMPETENCIES

- Core PHP, Laravel
- Vue.js, Alpine.JS, Inertia.JS
- JavaScript, jQuery, Ajax, JSON
- HTML5, CSS3
- REST APIs
- Automated and manual tests

- Database Management (MySQL), PDO
- Docker, Docker-Compose
- AWS, Digital Ocean
- Linux, Apache2, Nginx
- Version Control System (GIT)
- Jira, Bitbucket, GitHub, GitLab

- Technology Leadership
- Project Development
- Project Management
- Code Troubleshooting and Debugging
- High-Quality Code Practices

WORK EXPERIENCE

Technical Lead | Sr. Laravel Developer | Oct, 2022 - Mar, 2025
Topdot Pvt. Ltd

As a Full Stack and Senior Laravel Developer at Topdot Company, I lead end-to-end development of web applications while managing a team of 4–5 developers. I ensure project alignment with business goals through effective planning, task distribution, and cross-functional collaboration.

Key Responsibilities:

- Manage a team of 4-5 developers, overseeing task allocation, daily progress, and team performance.
- Facilitate sprint planning, daily stand-ups, and retrospectives to maintain agile development workflows.
- Review and approve code submissions to ensure consistency, security, and adherence to best practices.
- Provide technical guidance and mentorship to junior developers to support their professional growth.
- Collaborate with project managers and stakeholders to define technical requirements and timelines.
- Identify and resolve bottlenecks in development processes to improve team efficiency and product delivery.

- Ensure smooth deployment processes and coordinate with DevOps for CI/CD pipeline improvements.

Sr. Laravel Developer | Apr, 2021 - Sep, 2022
Technerds Pvt. Ltd

As a Senior Backend Developer at TechNerds, I independently manage the backend development of complex web applications while ensuring seamless integration with frontend and mobile teams. In addition to coding responsibilities, I support other developers in maintaining code quality and adopting new technologies. I also handle server deployment and infrastructure across various environments.

Key Responsibilities:

- Architect and implement backend solutions using Laravel, ensuring performance, security, and scalability.
- Collaborate with frontend and mobile developers to define and integrate RESTful APIs and data flow.
- Provide code-level support and share insights on emerging Laravel features and ecosystem tools with fellow developers.
- Manage and maintain server infrastructure on platforms such as DigitalOcean, AWS, and cPanel for deployment, monitoring, and scaling.
- Configure and automate deployment processes, SSL certificates, backups, and scheduled tasks across multiple environments.
- Troubleshoot production issues, perform root cause analysis, and ensure system uptime and reliability.
- Continuously explore and adopt new backend technologies, tools, and techniques to enhance productivity and codebase quality.

PHP Laravel Developer | Sep, 2017 - Feb, 2021
Ilsa-interactive Pvt. Ltd

As a Mid-Level Laravel Developer at Ilsa-interactive Company, I work on building and maintaining web applications using the Laravel framework. I also support mobile app development by providing backend services and contributing to overall project quality and documentation.

Key Responsibilities:

- Develop web-based applications using PHP and the Laravel framework.
- Build and maintain web services (APIs) to support iOS and Android mobile apps.
- Help guide the team toward completing projects successfully by sharing best practices.
- Write documentation, such as reports and manuals, to explain how the software works and how to maintain it.
- Design, develop, and test features based on company coding standards.
- Improve and maintain integration between different systems and applications.
- Research new tools and technologies to find better solutions for our projects.

PHP Developer | Feb, 2017 - Dec, 2027
Intellectual work Pvt. Ltd

As an Associate Developer at Intellectual Work, I support senior developers in creating and maintaining websites. My responsibilities include assisting with coding tasks, data entry, and other development-related activities.

Key Responsibilities:

- Assist senior developers in building websites using core PHP and MySQL.
- Help with basic coding tasks and debugging under guidance.
- Perform data entry and content updates as needed.
- Support general development tasks to ensure smooth project progress.

Projects

Sound.com — Music Platform

Sound.com offers a royalty-free music library designed to enhance various types of content, including videos, advertisements, and films. Users can browse music by genre, mood, speed, and vocal presence. A notable feature is the "Start at the Good Part" option, which allows songs to begin at their most popular segments, streamlining the content creation process.

🛠️ **Technology Stack:**

- ○ **Backend Stack:** TALL Stack
- ○ **Frontend Stack:** Livewire v3, Alpine.js, Bootstrap
- ○ **Database:** MySQL
- ○ **Hosting:** AWS
- ○ **Version Control:** Bitbucket
- ○ **Task Management:** Jira

🚀 Key Features

- ○ **Persistent Audio Player:** The custom-built audio player remains active across all pages, maintaining playback state while users navigate the site.
- ○ **Dynamic Filtering:** Filter tracks based on parameters like vocals, mood, speed, and genre in real-time without page reloads.
- ○ **Interactive Playlist Control:** Seamless next/previous track handling with updated playlists and filters applied.
- ○ **Smooth UI Transitions:** Integrated subtle animations throughout the UI for a polished, modern user experience.
- ○ **Performance Optimization:** Frontend and backend performance tuned for fast response and minimal load times.

⚙️ Technical Challenges & Solutions

- ○ **Persistent Audio Player:** Achieved seamless playback across pages using Livewire 3, maintaining player state, playlist updates, and track navigation without reloads.
- ○ **Infinite Scroll Pagination:** Overcame Livewire's default overlapping pagination by implementing custom chunked loading to ensure correct data handling on scroll.
- ○ **UI Animation:** Integrated smooth animations without affecting performance, enhancing the user experience within a reactive Livewire/Alpine environment.
- ○ **Speed Optimization:** Reduced initial page load time from 12s to under 2s through code optimization, CDN usage, and lazy loading techniques

Rafka.com — Jewellery Platform

Rafka.com is the official website for a premium jewelry brand, designed to offer users a seamless browsing experience across product collections, promotions, and custom content pages. The project focused on building a robust and flexible platform that empowers the marketing team to manage visual content independently while maintaining a consistent brand identity. The website also prioritizes speed, user engagement, and easy navigation.

🛠️ Technology Stack

- ○ **Backend Stack:** TALL Stack
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- ○ **Task Management:** Jira
- ○ **Page Builder:** GrapesJS

🚀 Key Features

- **Drag-and-Drop Page Builder:** Integrated GrapesJS for building and editing pages with visual components.
- **Dynamic Data Injection:** Used placeholder variables to pull real-time product information into custom-designed pages.
- **Custom Components:** Developed reusable blocks inside the builder for displaying collections, banners, and promotional content.
- **Admin Flexibility:** Enabled content managers to update, reorder, and publish content without developer involvement.
- **Responsive Layout:** Optimized for mobile and desktop with a seamless transition between viewports.
- **Fast Load Times:** Implemented lazy loading and asset optimization for high performance.

YRALIS.com — Racing Platform

Url: https://yralis.org

YRALIS.org is the official digital platform for the Yacht Racing Association of Long Island Sound (YRALIS), which promotes safe, competitive sailboat racing throughout Western Long Island Sound. The website offers a centralized hub for sailors and yacht clubs to access racing schedules, important announcements, and official documentation, ensuring smooth communication and transparency across the community.

🛠 Technology Stack:

- **Frontend Framework:** Angular
- **Backend Framework:** Laravel
- **Admin Panel:** Voyager (Laravel Admin Package)
- **Database:** MySQL
- **Hosting:** AWS
- **Version Control:** Git
- **Task Management:** Jira

🚀 Key Features

- **Dynamic Content Management:** Admins can manage pages, menus, and media through Voyager's easy-to-use interface.
- **Event & Race Scheduling:** Displays PHRF and One Design race calendars, results, and event-related documents.
- **Membership Directory:** Lists member clubs, board of directors, and committee information.
- **Licenses & Certificates Management:** Tracks and manages boat certifications and race eligibility documents.
- **Resource Library:** Provides downloadable meeting minutes, guidelines, and racing regulations.
- **Responsive UI**: Fully optimized for desktop and mobile devices to ensure accessibility across all platforms.

Reserval.com — Booking Platform

URL: https://reserval.com

Rafka.com is a comprehensive travel booking platform that offers users the ability to book hotels, flights, and cruises worldwide. Focusing on the hotel booking segment, the platform aggregates data from multiple vendors to provide users with a wide selection of accommodations. To ensure a seamless user experience, Reserval.com implements advanced data integration techniques to consolidate hotel information from various sources into unified profiles.

🛠 Technology Stack

- **Backend Stack:** Laravel
- **Frontend Stack:** React
- **Database:** MySQL

- **Hosting:** AWS
- **Version Control:** Bitbucket
- **Task Management:** Jira

🚀 **Key Features**

- **Multi-Vendor Hotel Aggregation:** Integrates hotel data from various vendors, providing users with a comprehensive selection of accommodations.
- **Unified Hotel Profiles:** Merges duplicate hotel listings by comparing key attributes such as name, phone number, latitude, and longitude to create unique, static profiles.
- **Real-Time Availability and Pricing:** Displays up-to-date information on room availability and pricing across different vendors.
- **User-Friendly Interface:** Offers an intuitive and responsive design for easy navigation and booking.
- **Secure Payment Processing:** Ensures safe and reliable transactions through integrated payment gateways.
- **24/7 Customer Support:** Provides round-the-clock assistance to users for booking and inquiries.

⚙ **Data Integration Challenges:**

One of the primary challenges faced by Reserval.com is the consolidation of hotel data from multiple vendors, which often includes duplicate listings with varying details. To address this:

- **Similarity Matching:** Implemented algorithms to compare hotel names, contact information, and geographic coordinates to identify duplicates.
- **Data Merging:** Developed processes to merge duplicate entries into single, comprehensive profiles, ensuring consistency and accuracy.
- **Dynamic Updates:** Established mechanisms to regularly update hotel information, reflecting the latest data from all vendors.

These strategies ensure that users have access to accurate and consolidated hotel information, enhancing their booking experience.

EDUCATION

Master of Computer Science   2014 - 2017
Virtual University (**VU**)

Bachelor of Computer Science   2011 - 2013
Govt. College of Science

TOOLS & PLATFORM

Jira, Trello, Bitbucket, GitHub, GitLab, Docker, Docker-Compose, Apache2, Nginx, AWS, DigitalOcean, cPanel, Laravel Voyager, Postman, Chrome DevTools, Firefox Inspector, Slack, Zoom, Google Workspace

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LANGUAGE

English (Conversational)   **Urdu (Native)**   **Hindi (Native)**

INTEREST

Table tanis   **Fuss Ball**   **Cricket**