

Rendani Masegwala

OBJECTIVE

As a dedicated PHP Developer with over 3 years of experience, I specialize in developing, maintaining, and enhancing dynamic web applications and websites. My expertise lies in back-end development, with a strong focus on user authentication, email verification, password management, and data-driven functionalities such as survey stats calculation and document conversion. I am passionate about creating secure, scalable, and user-friendly solutions that meet business requirements. Currently, I am furthering my skills in PHP by studying Laravel and API development, aiming to expand my technical proficiency and deliver even more comprehensive solutions.

REFERENCES

Joshua Du Preez, Senior Software Developer

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Jacob Mohumutsi – Web Developer (Baseline Digital)

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EXPERIENCE

OCT 2020 - NOV 2021

Freelance Developer

OCT 2022 - AUG 2024

Web Developer

Key Responsibilities:

1. Web Development:

Developed and maintained custom web applications using PHP, with a strong emphasis on back-end functionalities such as user authentication, email verification, and password reset mechanisms. Leveraged PHP to implement data-driven features, including survey stats calculation and the conversion of PDF documents to web-compatible formats, ensuring seamless data handling and user interaction.

2. User and Admin Features:

Engineered comprehensive user and admin dashboards, facilitating efficient user management and administrative oversight. Developed secure systems for user and admin account creation, role-based access control, and dynamic content management. Enhanced user experiences by implementing custom features tailored to specific business requirements.

3. Maintenance and Support:

Conducted regular updates and maintenance for PHP-based applications, focusing on security enhancements, performance optimization, and compatibility with the latest technologies. Provided continuous support to clients, resolving technical issues promptly and implementing new features to meet evolving business needs.

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4. Client Collaboration:

Engaged directly with clients to gather and refine project requirements, translating them into actionable technical specifications. Offered strategic insights and technical recommendations, ensuring that solutions aligned with business goals while being scalable and maintainable.

5. Database Management:

Designed, optimized, and managed MySQL databases, integrating them seamlessly with PHP applications. Worked on database normalization, indexing, and query optimization to improve application performance and data retrieval efficiency. Implemented secure data storage solutions, ensuring compliance with industry standards.

6. Version Control:

Utilized Git and GitHub for version control, managing code changes across multiple projects. Implemented branching strategies and code review processes to maintain code quality and facilitate collaboration among team members.

7. API Integration:

Integrated third-party APIs into PHP applications to extend functionality and enhance user experiences. Worked on RESTful API development, enabling smooth data exchange between front-end and back-end systems. Ensured that API integrations were secure, efficient, and well-documented.

8. Performance Optimization:

Conducted performance profiling and optimization of PHP applications, identifying bottlenecks and implementing solutions to reduce load times and improve scalability. Applied caching strategies, database optimization techniques, and code refactoring to ensure that applications could handle increased traffic and data loads.

9. Security Enhancements:

Implemented security best practices in PHP development, including data validation, sanitization, and encryption. Developed secure login systems with multi-factor authentication and session management to protect user data and prevent unauthorized access.

10. Custom Module Development:

Created custom PHP modules tailored to specific client needs, including bespoke content management systems (CMS), e-commerce

platforms, and data analysis tools. Ensured that these modules were modular, maintainable, and could be easily integrated into existing systems.

11. Project Management:

Managed multiple projects simultaneously, coordinating with cross-functional teams to ensure timely delivery of features and updates. Used project management tools to track progress, allocate resources, and communicate with stakeholders, ensuring that projects were completed on schedule and within budget.

Soft Skills:

- Strong problem-solving abilities and attention to detail.
- Good communication skills, both verbal and written.
- Ability to work independently and as part of a team.
- Willingness to learn and adapt to new technologies and methodologies.

PROJECTS

- **Craft Ice**

Description: Craft Ice is a web application that required a robust, scalable platform to manage its online presence and client interactions. I implemented custom PHP development features such as user authentication, email verification, and password reset functionality. Additionally, I was responsible for the creation of user and admin dashboards, enhancing user experience and management capabilities. The backend was optimized to handle secure data management and processing, ensuring high performance and responsiveness.

- **EBS**

Description: EBS is an enterprise-level web application designed to handle complex business processes. My role involved both front-end and back-end PHP development. I created a user-friendly interface integrated with custom modules that managed business logic efficiently. I also developed a robust user authentication system, email verification, and implemented features for survey stats calculation and the conversion of results from PDF documents to web documents. Database management and API integration were also key aspects of this project.

- **Medshield**

Description: For Medshield, a health-focused web application, I developed secure PHP functionalities including user authentication, email verification, and password reset mechanisms to ensure the safety

and privacy of user data. The project also involved designing an intuitive admin dashboard that allowed for efficient data management. My contributions included developing interactive features for user surveys and converting the results into accessible web formats.

- **Mercury Hampton**

Description: Mercury Hampton is a recruitment-focused web application where I managed the complete PHP development process. I created a dynamic platform with features such as user and admin account creation, user authentication, and email verification. The project also required the development of user and admin dashboards to streamline job listings and application tracking processes. Custom plugins were developed to enhance the site's functionality and scalability.

- **My Health 360 (Social Media App)**

Description: My Health 360 is a social media platform dedicated to health and wellness. I played a key role in implementing PHP-based features such as user profile management, user authentication, and secure password reset functionalities. The platform included a detailed admin dashboard for managing user interactions and data. Additionally, I developed custom solutions for survey stats calculation and converting survey results from PDF to web documents, ensuring a seamless user experience.

- **Metropolitan Health**

Description: For the mmi social media application, I leveraged PHP to create an interactive and secure platform. My responsibilities included developing user and admin dashboards, user authentication, and email verification systems. I also worked on API integrations and customized survey features, with results being converted from PDFs to web formats. The platform was optimized for performance and security, providing users with a smooth and reliable experience.

- **Silapha Department of Sports, Arts and Culture**

Description: Silapha is a web application offering support services, where I was responsible for both front-end and back-end PHP development. I implemented features such as user authentication, email verification, and user and admin dashboard creation. The project also required developing secure data handling procedures, ensuring real-time updates, and converting survey results from PDFs to web documents. The site was optimized for performance and met stringent industry security standards.

- **VKN (Custom Insurance Calculator)**

Description: The VKN project involved creating a custom insurance calculator. I was responsible for PHP-based user authentication and admin dashboard development, ensuring that both were intuitive and secure. The calculator logic was implemented in PHP and integrated with a WordPress template. Additionally, I designed a system to manage user data and preferences, providing a seamless user experience across various devices.

In addition to the projects above, I've assisted in the maintenance of additional features like:

- User Post on the feed
- Like and Comment on users post
- Creating surveys
- Managing user profile details

These projects reflect my expertise in PHP and WordPress development, showcasing my ability to design, develop, and maintain high-quality web applications tailored to client needs.

EDUCATION

VARSITY COLLEGE Johannesburg, Gauteng Diploma In Software Development (Apr 2017)

VARSITY COLLEGE Johannesburg, Gauteng Bachelor of Computer and Information Sciences in Application Development (Apr 2020)

FREE CODE CAMP Johannesburg, Gauteng Backend Development and API's (28 July 2022)

TECHNICAL SKILLS

- PHP
- WordPress
- HTML, CSS, JavaScript
- jQuery.
- MySQL.
- AJAX.
- Git.