Rachael Maphopha

Personal Information

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Profile

As an ambitious and experienced Black female software developer, I bring 8 years of expertise in the software development industry. I am highly organized and customer-focused, with a strong track record of solving complex problems. My skills in code review, debugging, and optimization have consistently improved product performance and usability. I am passionate about leveraging my technical abilities to deliver innovative solutions and drive success for my team and clients.

Skills

PHP, Laravel, Vue & Vuetify, firebase, HTML5, MySQL, CSS, Bootstrap 4, Jira, Git, JavaScript, Express.js

Work Experience

PHP Developer at Miway Insurance

August 2022 – Present

Duties

- **Developing PHP Code**: The primary responsibility is to write, maintain, and debug PHP code according to the requirements of the project.
- **Implementing User Stories and Tasks**: Working on user stories and tasks assigned to them on the Kanban board, ensuring timely completion and meeting acceptance criteria.
- **Participating in Planning Meetings**: Collaborating with the team during planning meetings to estimate the effort required for upcoming tasks and user stories.
- **Continuous Integration and Deployment**: Ensuring that the PHP code integrates smoothly with other components of the system and is deployed to the appropriate environments using CI/CD pipelines.
- **Code Reviews**: Participating in code reviews to ensure code quality, adherence to coding standards, and knowledge sharing within the team.
- **Testing and Quality Assurance**: Writing unit tests and performing manual testing to ensure the reliability and stability of PHP code changes.
- **Documentation**: Documenting code changes, APIs, and system architecture as necessary to maintain clarity and facilitate future development.
- **Collaboration and Communication**: Communicating effectively with team members, including other developers, product owners, and stakeholders, to clarify requirements, discuss solutions, and provide progress updates.

- **Continuous Improvement**: Actively participating in retrospectives to reflect on team processes and practices, identify areas for improvement, and propose solutions.

- **Support and Maintenance**: Providing support and troubleshooting assistance for PHP applications in production, addressing bugs and resolving issues as they arise.

- **Knowledge Sharing**: Sharing knowledge and expertise with other team members to foster a culture of learning and collaboration.

- **Keeping Up with Industry Trends**: Staying updated with the latest trends, best practices, and technologies in PHP development and software engineering in general.

Technologies used: Vue, Vuetify, firebase, PHP, nginx, MySQL, gitLab, Jira, Docker, AWS (S3, EC2, Appsyn, Code Commit)

Web Developer at Clickatell

September 2020 – July 2022

Duties

- Work with an awesome geographically distributed team of engineers, designers, and product managers to implement the next generation of products and/or features.
- Part of and actively contribute to a cross-functional Agile/Scrum team that works together to become a high-performing team in delivering world-class technology solutions.
- Utilising PHP, AngularJS 1.5, Angular 2+, and Bootstrap for Development and maintenance of user interfaces and client-side web applications on our commercial and internal platforms.
- Play a vital Web Applications Development role where he/she will take the designs created and converting them to functional deliverables.
- Translate UI designs into well-organized and structured HTML/CSS compatible with modern browsers and use open source tools & frameworks to improve the structure and maintainability of the frontend code where possible.
- Development work aligned to the Clickatell coding methodology.
- Support of applications while working with on-site and remote development teams.
- As a Senior, play a thought-leadership role within the Application Development Community of Practice (COP), supporting the Tech Lead in driving the vision of the COP Core Competencies.

Technologies used: GITLab, PHP 7+, GraphQL, Bootstrap, JavaScript, Angular 8 & 9 , REST and SOAP server integration, JSON, XML, SQL, Docker

Senior Software Developer at Internet Solutions

December 2019 – May 2020

Job Type: Permanent

Duties

- Participates in high level and detailed product design, engineering, development and integration.
- Write the code necessary to integrate systems and to create Client and admin user interfaces
- Owns testing and maintenance of own code and relevant infrastructure.
- Required to produce documentation for any code written.
- Participate in ensuring technical and corporate compliance of the Enterprise Architecture.
- Facilitate the integration of new and existing products into IS systems.
- Keep up to date with emerging technologies to enhance or improve existing IS products and services.
- Participate in the identification and resolution of bugs in all relevant systems.
- Participate in building partnerships with other teams to assess areas of business that can be improved through automation and integration.
- Maintain the existing code that has been developed and continually strive for improvement.

- Optimizes business processing, minimize manual intervention in all tasks.

Technologies used: Laravel 5, GITLab, PHP 7+, HTML5, Bootstrap, JavaScript, Angular, REST and SOAP server integration, JSON, XML, C#, ASP.NET, SQL

Reason for Leaving: Retrenched

Software Developer at Mercantile Bank

February 2019 – December 2019

Job Type: Contract

Duties:

- LAMP and WAMP stack environments and open SSL
- Read and write JavaScript, CSS and HTML, C# and ASP.net.
- Strong knowledge of CMS like Drupal.
- Manage and maintain current PHP development.
- Able to deploy patches and updates
- IIS and SOAP services
- Migrate versions of PHP, Apache and open SSL to newer versions
- Key resource for new project to migrate and deploy current PHP site to latest version of PHP, Apache and open SSL
- Key resources for changes and new development
- Deployments for Windows and Linux environments

Reason for Leaving: Contract concluded

Full stack developer at Status Data

November 2015 – October 2018

Job Type: Permanent

Duties:

- Version control with Bitbucket and source tree
- Creation and maintance of ASP.NET web applications
- Integration of Compuscan and Transunion SOAP APIs using Laravel, PHP & XML
- Payment gateway integration with Pay Pal
- Frontend and backend development
- MySQL Database design, integration and administration
- PHP Laravel development environment setup
- Server management via Mozilla FTP and Cpanel
- Compuscan & Transunion report system user support
- Analyse, design, develop and test Credit Bureau Software
- Integration work.

Technologies used: Laravel 4.2, GITHub, PHP 6, HTML5, Bootstrap, XML, REST and SOAP server, JSON, Perl

Reason for Leaving: Looking for new opportunities

Perl developer at followme2africa

From March 2015 to September 2015

Job Type: Contract

Duties:

- Maintaining local Document Management System by adding features and fixing errors Developing and maintaining WordPress sites. www.followme2events.com/footie-makiti , www.followme2events.com/travel-academy

- Maintaining existing business websites written in perl, JavaScript, CSS and HTML5.
- Monitoring and maintaining computer systems and networks.
- Network support including switches, DSL and wireless router.
- Monitoring the DHCP server, VPN and gateway server using ClearOS software.
- Troubleshooting system and network problems and diagnosing and solving hardware or software faults.
- Setting up new users' accounts and profiles and dealing with password issues.
- Install and configure new IT equipment.
- Resolve incidents with printers.

Technologies used: Perl, HTML5, Bootstrap, mySQL

Freelance Positions

Software Developer at Uni-vate Properties

February 2019 – December 2019

Job Type: Freelance

Duties:

- Develop and maintain the Uni-vate properties website
- mySQL database design, creation and development
- Back-end development with PHP and MVC framework Laravel 5.7 Front end development with Bootstrap 4

Website Link : https://www.univateproperties.co.za/

Reason for Leaving: Looking for a permanent position

Full stack developer at FiligreeNet

October 2018 – March 2019

Job Type: Freelance

Duties:

- Develop and maintain the filigree online web application Develop front-end of web application using Bootstrap 4
- Develop and implement algorithm to link facebook page posts to user's interests and services Design
- Develop web application for entrepreneurs to send invites and inbox messages and post about their businesses on the platform news feed

Technologies used: Laravel 5.7, PHP 7, HTML5, Bootstrap, mySQL, React js

Reason for Leaving: Looking for a permanent position

Contract Software developer at Build My Business

From January 2018 to December 2018

Job Type: Freelance

Duties: Develop and maintain the BMB Web application platform

Technologies used: Laravel 4.2 and 5.3, PHP 6 and 7, HTML5, Bootstrap, mySQL, XML

Reason for Leaving: I am looking for a permanent position

Education

National Senior Certificate

Institution: Reitumetse Secondary School

Completion Date: 2009

AWS Cloud Practitioner Certification

Institution: Amazon Web Services (AWS)

Completion Date: 2021

Bsc Computer Science

Institution: University of London

Completion Date: 2025 – In Progress

References

Head of Product Development at Internet Solutions

Name: Surajj Jaggernath

Email: surajj.jaggernath@ignite.co.za

Contact Number: 082 859 0043

CEO of Status Data

Name: Stephen Gilmore

Email: sgilmore@statusdata.co.za

Contact Number: 073 395 8728

Director of Uni-vate Properties

Name: Delia O'connor

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Contact Number: 012 941 8520

CEO of FiligreeNet

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