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| **JOEL MAGURANYE** | **SOFTWARE ENGINEER** | **SAWTRY,HUNTINGDON,**  **CAMBRIDGESHIRE,PE28 5SH** | **UNITED KINGDOM** |
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GitHub: <https://github.com/wbdevmaguranye>

# PROFESSIONAL PROFILE

# DevOps Engineer with over 5 years of experience in cloud infrastructure, specializing in CI/CD pipelines, and infrastructure automation. Skilled in Infrastructure as Code (IaC) tools like Terraform, Ansible for efficient and repeatable infrastructure management. Experienced in implementing robust monitoring solutions using tools like Grafana to ensure system reliability and performance

# In addition to my DevOps expertise, I bring solid frontend development skills, specializing in JavaScript, Vue.js, and Nuxt.js to create dynamic and responsive user interfaces. I’m passionate about bridging the gap between development and operations to deliver efficient, reliable, and high-quality solutions. Known for my problem-solving abilities, attention to detail, and commitment to staying updated with industry best practices, I’m eager to contribute to teams that value innovation and collaboration.

# EDUCATION AND CERTIFICATIONS

## BSC Honors in Information Systems (Graduated in 2015) Midlands State University (Zimbabwe)

**Technical Abilities**

* EC2, S3, RDS, Lambda, Terraform, Ansible, Grafana

# EMPLOYMENT HISTORY

**DevOps/Developer Engineer, Brand Finance** *London United Kingdom (Hybrid):* **March 2024–October (Contract)**

**Snapshot of my duties:**

## DevOps

* Successfully implemented Infrastructure as Code (IaC) solutions using Terraform and AWS CloudFormation, automating the provisioning and management of AWS resources and ensuring consistent environments across development and production.
* Configured and provisioned servers effectively using Ansible and SaltStack, leading to a 40% reduction in manual setup time and increased configuration consistency.
* Efficiently created, managed, and optimized AWS cloud resources, ensuring cost-effective scaling and high availability for critical applications.
* Built and managed CI/CD pipelines using Jenkins, automating build, test, and deployment processes to accelerate delivery cycles and improve release quality.
* Managed source code repositories and streamlined version control processes with Bitbucket, ensuring organized collaboration and codebase integrity.
* Utilized Jira to manage sprints, track issues, and ensure smooth project flow in an agile environment, contributing to improved project transparency and accountability.
* Facilitated team collaboration and real-time communication through Slack, creating dedicated channels for updates and incident management.
* Documented processes, workflows, and project details comprehensively in Confluence, ensuring all team members had access to up-to-date information.
* Orchestrated and managed containerized applications with Docker and Kubernetes, enabling efficient deployment, scaling, and management of microservices-based architectures.
* Deployed and configured monitoring solutions with Prometheus and Grafana, providing real-time insights into system performance and facilitating proactive incident response.

**Development**

* Led the redevelopment of an existing system from Nuxt 2 to Vue.js 3, meeting project requirements for a modernized tech stack, resulting in enhanced performance and maintainability.
* Developed and debugged JavaScript and Vue.js code by building modular components, which improved reusability and accelerated development for future feature implementations.
* Managed application state effectively using Pinia, ensuring seamless data flow and state management across various application components.
* Integrated dynamic content by consuming data from APIs with Axios, providing users with real-time and interactive application features.
* Implemented core functionalities, set up client-side routing using Vue-router, and created structured data stores to manage diverse functions based on site areas.
* Established a robust testing environment and wrote unit tests for all components using Vue Test Utils and Vitest, achieving comprehensive code coverage and minimizing production bugs.
* Used GitBucket for efficient version control and collaborative development, supporting effective branching strategies and team synchronization.
* Wrote extensive unit tests for components and Pinia stores, achieving high test coverage and ensuring functionality and data consistency.

**Software Developer, Scad Software** *Johannesburg South Africa (Remote):* **Jan 2020– January 2024**

**Duties:**

**DevOps**

* Implemented Infrastructure as Code (IaC) using Terraform and CloudFormation, automating the provisioning and configuration of AWS resources to ensure efficient and consistent deployments.
* Configured and managed CI/CD pipelines using Jenkins to automate build, test, and deployment processes, reducing deployment times and improving software quality.
* Utilized Docker and Kubernetes to orchestrate and manage containerized applications, facilitating scalable and efficient deployment of microservices.
* Set up comprehensive monitoring and alerting solutions with Prometheus and Grafana, enabling real-time visibility into application performance and proactive incident management.
* Managed source code and collaboration with the team using Git for version control, employing efficient branching and merging strategies for seamless integration.
* Ensured cross-environment consistency and simplified server provisioning with Ansible for configuration management.
* Conducted regular code reviews to maintain code quality, address issues proactively, and ensure best practices across the team.

**Development:**

* User Interface Development: Designed and implemented visually appealing and responsive user interfaces using Vue.js and Nuxt.js, providing a seamless user experience across various devices and browsers.
* Component Development: Developed modular Vue.js components to enhance reusability and maintainability, improving efficiency and reducing redundancy in code.
* State Management: Utilized Vuex (Nuxt.js 2), Pinia (Vue 3), and useState (Nuxt 3) for effective state management in complex applications, ensuring smooth data flow and handling.
* Routing: Implemented client-side routing with Nuxt.js for smooth navigation and optimized page transitions, enhancing user journey and application structure.
* API Integration: Integrated backend APIs and services into the frontend using Axios with Vue.js and Nuxt.js, providing dynamic content and handling real-time data updates.
* Code Optimization: Optimized front-end code for peak performance, identifying and addressing bottlenecks and rendering issues to improve overall responsiveness.
* Cross-Browser Compatibility: Ensured compatibility across major web browsers, promptly addressing and resolving any compatibility issues to maintain a consistent user experience.
* Collaboration: Worked closely with backend developers, designers, and other team members, actively participating in agile processes to deliver cohesive and integrated solutions.
* Performance Optimization: Fine-tuned application performance by implementing best practices, resulting in high Lighthouse scores and reduced load times, enhancing user satisfaction.
* Documentation: Created comprehensive documentation for code, APIs, and technical details, ensuring easy maintenance and reference for future development.

**Web Developer, Mastech Trading:** *Johannesburg South Africa*:

* Contributes to software system requirements and process documentation.
* Designs architectural diagrams and recommends new technologies and tools.
* Plans and delegates tasks using Trello.
* Ensures cross-platform optimization and responsiveness.
* Collaborates with graphic designers on UI/UX features.
* Participates in projects from conception to completion.
* Develops APIs, creating servers and databases for functionality.
* Generates reports for web apps to meet Google Lighthouse requirements: SEO, Performance, Progressive Web App, Accessibility, and Best Practices.
* Develops applications using JavaScript (Vue js / Nuxt) and PostgreSQL database.
* Utilizes Docker for containerizing existing and new applications in cloud-based infrastructures.

**Frontend Developer, Mitendo Infinite Innovation** *Centurion South Africa*:

* Developed reusable code, interfaces, and components for future use.
* Optimized applications for maximum speed, responsiveness, and scalability.
* Fixed software defects through debugging, feature polishing, testing, and product analysis.
* Built technical interfaces and architectures.
* Designed, tested, and implemented web applications using PHP/Laravel, HTML, jQuery, CSS(Tailwind), October CMS, and MySQL
* Deployed developed applications to AWS and Netlify during the project implementation phase.
* Collaborated with team to design, develop, and deploy Xtenda applications: [Xtenda Applications.](https://xtendafin.com/)