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| **JOEL MAGURANYE** | **SOFTWARE ENGINEER** | **SAWTRY,HUNTINGDON,**  **CAMBRIDGESHIRE,PE28 5SH** | **UNITED KINGDOM** |
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# PROFESSIONAL PROFILE

# Experienced DevOps Engineer and Frontend Developer with over 5 years’ experience and a strong background in cloud platforms, CI/CD pipelines, and modern JavaScript frameworks. Skilled in designing, deploying, and managing scalable infrastructure on AWS and Azure, with extensive knowledge in Infrastructure as Code (IaC) using Terraform. Proficient in Jenkins for CI/CD automation, enabling seamless integration and delivery processes that enhance software quality and deployment speed.

# 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**

* RDS, Terraform, AWS, Azure, CI/CD

# EMPLOYMENT HISTORY

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

**Snapshot of my duties:**

## DevOps

* Location(s): London  
     
   BAE Systems Digital Intelligence is home to 4,500 digital, cyber and intelligence experts. We work collaboratively across 10 countries to collect, connect and understand complex data, so that governments, nation states, armed forces and commercial businesses can unlock digital advantage in the most demanding environments.  
   Are you passionate about working with cutting-edge technology and self-motivated to find innovative solutions to complex challenges as part of a team who help keep the UK safe? Join BAE Systems as an experienced DevOps Engineer.  
     
   As a key member of a Software Engineering team, you’ll be working with our National Security Customers to build systems that support their core mission capabilities. You’ll work as part of empowered, autonomous DevOps teams with regular contact with end-users to flexibly and efficiently understand, design, develop, deploy and maintain applications and services. You’ll be encouraged to identify new ways of solving problems and get to work in a range of different teams across our customer organisations. You will work in a small team given as much ownership and responsibility as you have the appetite for but be part of a much bigger Engineering community to give you the support you need to grow in your career.  
     
   We fully embrace DevOps ways of working in our teams, and build a very broad range of capabilities for our customers. We therefore value Engineers who enjoy playing a role in the full delivery lifecycle and are flexible to learn and pick up new technologies and approaches. You’ll be playing a role in identifying the right technologies to use for the job and be supported with training as needed through access to services such as Pluralsight.  
     
   Not only will your team be directly making a huge impact upon the systems you work on, you’ll be doing it for an organisation who makes a huge impact to the security of the UK.  
     
   About you  
     
   You will have many of the following:  
     
     
   Experience working in a similar DevOps / SRE / Infrastructure role  
   An appreciation of Infrastructure as Code, and CI/CD tooling  
   An understanding of live service and how to support critical business systems  
   Scripting abilities with languages such as PowerShell  
   Knowledge of programming languages such as C# and Javascript  
   A working knowledge of Windows infrastructure, Active Directory & Group Policy Management etc  
   Great communication and problem solving skills, and a desire to learn new technologies  
   Working in an Agile environment (e.g. Scrum, Kanban, SAFe, XP, etc)  
     
     
   It would be great if you also had experience in some of these, but if not we’ll help you with them:  
     
     
   Configuration Management tools such as Desired State Configuration or Puppet etc  
   Infrastructure as Code tools like Terraform or Cloud formation  
   Cloud technologies such as Azure or AWS  
   Knowledge of automation software such as Selenium  
   Document management systems such as SharePoint  
     
     
   London based - 4 days in the office, 1 day home based (flexibility depending on scope of work) and full time but condensed week acceptable.  
     
   UK Enhanced DV Security Clearance is required for this vacancy.  
     
   Why BAE Systems? This is a place where you’ll be able to make a real difference. You’ll be part of an inclusive culture that values diversity, rewards integrity and merit, and where you’ll be empowered to fulfil your potential. We welcome candidates from all backgrounds and particularly from sections of the community who are currently under represented within our industry, including women, ethnic minorities, people with disabilities and LGBTQ+ individuals.  
     
   We also want to make sure that our recruitment processes are as inclusive as possible. If you have a disability or health condition (for example dyslexia, autism, an anxiety disorder etc.) that may affect your performance in certain assessment types, please speak to your recruiter about potential reasonable adjustments.  
     
   Please be aware that many roles at BAE Systems are subject to both security and export control restrictions. These restrictions mean that factors such as your nationality, any nationalities you may have previously held, and your place of birth can restrict the roles you are eligible to perform within the organisation. All applicants must as a minimum achieve Baseline Personnel Security Standard. Many roles also require higher levels of National Security Vetting where applicants must typically have 5 to 10 years of continuous residency in the UK depending on the vetting level required for the role, to allow for meaningful security vetting checks  
   Life at BAE Systems Digital Intelligence  
   We are embracing Hybrid Working. This means you and your colleagues may be working in different locations, such as from home, another BAE Systems office or client site, some or all of the time, and work might be going on at different times of the day.  
   By embracing technology, we can interact, collaborate and create together, even when we’re working remotely from one another. Hybrid Working allows for increased flexibility in when and where we work, helping us to balance our work and personal life more effectively, and enhance well-being.  
   Diversity and inclusion are integral to the success of BAE Systems Digital Intelligence. We are proud to have an organisational culture where employees with varying perspectives, skills, life experiences and backgrounds – the best and brightest minds – can work together to achieve excellence and realise individual and organisational potential.  
   Division overview: Capabilities  
   At BAE Systems Digital Intelligence, we pride ourselves in being a leader in the cyber defence industry, and Capabilities is the engine that keeps the business moving forward. It is the largest area of Digital Intelligence, containing our Engineering, Consulting and Project Management teams that design and implement the defence solutions and digital transformation projects that make us a globally recognised brand in both the public and private sector.  
   As a member of the Capabilities team, you will be creating and managing the solutions that earn us our place in an ever changing digital world. We all have a role to play in defending our clients, and this is yours.

**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/)