**Nikolos Robinson**

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Accokeek, Maryland

**Clearance: TOP SECRET**

**Senior DevOps| Solutions Architect | SRE PROFESSIONAL**

Experienced Senior DevOps /Solutions Architect with a strong background in system integration and expertise in Continuous Integration/Continuous Deployment (CI/CD) practices. Proficient in project management and workflow configuration, ensuring efficient tracking of tasks and issues. Skilled in designing and implementing automated solutions that enhance collaboration between development and operations teams. Committed to optimizing software delivery pipelines while maintaining high standards of quality and performance. Demonstrated ability to work independently as both a skilled leader and individual contributor. A strong communicator who is solutions oriented, rapid and adaptive, and knows how to manage tight deadlines.

**CORE COMPETENCIES:**

* Customer facing and leadership building strategic relationship with stakeholders
* Manage and optimizing network with SD-WAN for high-level design for network solutions across geographically locations.
* Establishing cloud vendor cost structures and the ability to enhance solutions for cost effectiveness.
* Designing, deploying, and migrating secure and maintainable systems for Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS) environments.
* Configuring pipelines, defining stages, writing and maintaining pipeline scripts (YAML), integrating with GitLab repositories, and leveraging GitLab's features for automating software delivery processes.
* Experience transitioning legacy systems to cloud-ready architecture for cloud deployments (FedRAMP, FISMA, high security environments).
* Experience with Artifactory as a universal repository manager, for storage, manage and distribution of application binaries and packages.
* Proficient in working with Linux, shell scripting, improving the uptime availability.
* Experienced deploying services into secure or high-side networks/environments (C2S/AC2SP).

**EDUCATION & CERTIFICATIONS:**

* Master of Information Systems, Computer Information System - University of Phoenix 2004
* Bachelor of Science, Computer Information System - Georgia Southern University 2002
* Certification: Infosec

**TECHNICAL EXPERTISE:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Development Applications** | **Testing Tools** | **Database** | **Scripting** | **Servers** |
| Jenkins, Github/Gitlab, Sonar Qube, Nexus, Splunk, Chef, Puppet, Aerotext, Ansible, Autonomy, API Gateway, Tableau BI, HPSD, Capistrano, Digital Ocean, Virtual Box, Parallels, CMS, Scala, Ansible, F5, Gradle, Angular, Azkaban, PortWox, KCluster, Sysdig, ForgeRock, Cortex XSOAR, Rstudio, Informatica, Qlik, SAS,, API Baker, Jupyter KeyCloak, Snyk, Rancher,Terraform, Camelot, Docker, Kubernetes, Kafka, OpenShift, AWS, GCP, Azure | Test Director, HPQC, Ip monitor, Remedy, Salesforce, Selenium,Dynatrace, Jmeter, Wireshark, Cucumber, Naigos, Buddy, Snort, Service Now, Doors, PortWox, GenAI, SeeTest, Appsec, Datadog, Appdynamics | Oracle, DataWarehouse, S3, GreenPlum, Toad, DataLake, Mongo DB | Python, Bash | Apache Tomcat, Ansible Tower, TFS |

**PROFESSIONAL EXPERIENCE:**

**Leidos, Reston, VA Jan 2024 – May 2025**

**Senior DevOps | Sr. Solutions Architect | SRE**

I direct a fast-paced environment to address customer and business needs. I am responsible for managing the cloud infrastructure of the CI/CD pipelines, and all associated components in the cloud platform. I lead, manage, and mentor, teams to deliver game changing technologies and drive strategic discussion.

**I am responsible for:**

* Work with GenAI to integrate customer workflow, and establish capabilities, that includes identifying areas of business needs and goals. Use GenAI to enhance creativity and efficiency in areas like software development, content creation, product design, or decision-making.
* Lead, manage and grow multiple teams of software engineers and build a culture of accountability.
* Mentor and guide the professional and technical development of engineers.
* Work with product leaders to define the strategy, roadmap and destination architecture.
* Manage a portfolio of diverse technology platforms and projects to build scalable applications that meet our customer needs.
* Hands on work with MongoDB/Oracle to effectively navigate database, and ETL records for software functionality/deployment.
* Administered security controls and hardening Kubernetes platform by implementing IAM/Access for GCP, ensuring users have necessary permission to the Kubernetes clusters
* Expert in GCP core services, security practices, and deployment strategies.
* Managed and optimized Linux-based CI/CD agents (Jenkins/GitLab) for scalable build and deployment pipelines.
* Utilized Linux as the primary environment for deploying and managing cloud-native and containerized applications.
* Used MLOps to model deployments, monitoring, and maintenance. Also collaborating with cross-functional teams and model performance in production.
* Use Python, Django, and APIs for unit testing and identifying solution
* Utilize JIRA for tracking project progress, managing tasks, and reporting on project status. This includes creating tickets for issues, assigning tasks to team members, and ensuring timely updates
* Work within and across Agile teams to design, develop, test, implement, and support technical solutions across a full-stack of development tools and technologies.
* Created and managed Docker deployment pipeline for custom application images in the cloud using Jenkins.
* Experience pulling Docker images from Docker hub and uploading it to AWS ECR, uploading and downloading files fromAWSS3. creating Docker images and handling multiple images primarily for middleware installations and domain configuration.
* Manager ServiceNow with UI policies, Glide Record, Service Catalog, and business rules
* Establish Zero Trust Architecture for verification least, privilege access, and assumption of beach

**Sekon, Washington, DC April 2023 – Nov 2023**

**DevSecOps Manager | Enterprise Architect**

Led design and implementation of edge computing solutions for distributed systems across multiple federal sites, managing connectivity in limited-bandwidth environments. Developed automated testing frameworks for edge device software deployment and created simulation environments for testing system behavior in degraded network conditions. Maintained SAP and IT planning and procurement strategies frameworks with planning, research, and analysis to determine cost, scope, and schedule.

**My Key Responsibilities:**

* Architected infrastructure-as-code solutions using CloudFormation and Terraform to automate deployment of complex system configurations across edge locations.
* Develop User interfaces for using HTML, jQuery and bootstrap along with testing tools Selenium and Jest
* Experience working with end tooling workflows Node JS, Document Object Model, and functions
* Establish AWS environments of scalability, security, cost optimization and disaster recovery.
* Designed resilient communication protocols for systems operating in denied, degraded, intermittent, and limited (DDIL) connectivity environments.
* Successfully managed multi-site distributed systems deployment, including development of failover and redundancy strategies for mission-critical operations
* Implemented automated monitoring and self-healing capabilities for distributed edge computing environments
* Created reference architectures for edge-to-cloud integration patterns, enabling seamless data flow between field operations and central processing systems
* Led technical workshops and created documentation for edge computing best practices and autonomous system architectures
* Implemented edge AI/ML solutions for local processing and decision making
* Architected/Developer/Create solutions for multi-agent system coordination and communication

**Accenture Federal Services, Washington, DC Sept 2019 - April 2023**

**DevOps Manager | Sr. Solution Architect**

Responsible for supporting and implementing DevOps capabilities, and supporting large web applications development for clients. Implement operation management for teams with various projects and deadlines to ensure smooth coordination and communication within product lifecycle. Serve as a leader for application development and transition engaging with programs, technical, and business development as well as potential customers to develop solutions application-based requirements.

* Designed, developed and supported cloud engineering change management processes, by facilitating the release, build, and operation workflows to get applications into AWS in a more secure and cost-effective manner.
* Administered Linux servers for several functions including managing Apache/Tomcat server, mail server and MySQL databases in both development and production.
* Supported Kubernetes nodes and clusters running on Linux, ensuring container runtime performance and node availability.
* Pipelined Application Logs from App Servers to Elastic search (ELK Stack) through Log stash.
* Installed and configured ELK stack mode and pipelined application logs from App Server to Elastic search through Logstash.
* Configured JIRA workflows to match the specific processes of their teams or projects, defining stages and transitions that tasks must go through.
* Ensured Continuous Integration and Deployment controls and processes are followed for application code releases into non-production and production environments.
* Identified, assessed, installed, configured, assisted with accreditation, provision and maintain tools in AWS
* Designed and built automation solutions for the environment for application source, pipeline, and configuration management systems for release management.
* Implemented Web applications using Visual Studio, .NET Framework and .Net Core
* Experience in designing/developing microservices for business services using AST.NET and OOAD
* Worked to setup Jenkins as a service inside the Docker swarm cluster to reduce the failover downtime to minutes and to automate the Docker containers deployment without using configuration management tool.
* Developed automated reporting, notification, and dashboard capabilities to visualize key metrics and telemetry from the CI/CD pipeline

I have strong knowledge of DevSecOps from security design reviews, scanning code for security vulnerabilities, and remediating bugs that present legitimate threats. I worked with GitLab building, testing, and deploying pipelines. I created a multi-integration hub for pipeline integration and manage and maintain the pipeline health through the SDLC. From this experience there has been successful end to end pipeline deploying and scanning in various environments. With my experience of AWS, I have utilized networking (VPC, ELB, S3, EC2 Cloud Formation, Lambda) for our customer environmental success.

**Monster Government Solutions, McLean, VA Sept 2013 - Sept 2019**

**Senior Release Manager | Sr. Solution Architect**

In charge of implementing and managing release processes for code through development, test, and production environments. I worked subject matter expect (SME) in coaching large-scale enterprises; to track, control and maintain multiple versions of software on multiple environments (physical/virtual).

**Created tools to improve efficiency and visibility into the SDLC process by:**

* Supporting on-premises and AWS Cloud build packages.
* Administrator of GIT, setup and configuration of build and test environments.
* Implementation and improvements of build and packaging solutions.
* Troubleshoot build failures and research, design and implement new technology and solutions to improve the SDLC process.
* Utilized JIRA’s reporting features to generate insights on project performance, team productivity, and issue resolution times.
* Documentation of existing processes and process changes for audits and reviews.
* Perform system and application configuration and management using Service Now
* Participate in the full software development life cycle: Analysis, Design, Coding, Testing, Training, and Operational Support.
* Used JIRA to log and track bugs reported by users or testers, ensuring they are prioritized and addressed in a timely manner
* Configuration/Customization of Service Now system including workflows for development teams, application services and business needs.

**EARLY CAREER EXPERIENCE:**

* Over 20 years working for multiple companies improving their pipeline workflows across various
* cross-functional teams to ensure all technical deliverables meet customer requirements and are deployed on time.

**Companies/Positions:**

General Dynamics, Release Manager **Aug 2012 – Sept 2013**

L-3 Communications, System Engineer/Software Developer **July 2011 - Aug 2012**

Salient Federal Solutions, Program/Configuration Manager **June 2010 – July 2011**

IBM, Managing Consultant **Sept 2008 - June 2010**

Signature Government Solutions, System Integrator **April 2007- Sept2008**

Lockheed Martin Corp, Requirements Engineer, System Integrator, Software Developer **March 2003 - April 2007**