Kiruthika Somasundaram

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Summary

- *AWS Certified Senior DevOps Engineer* with strong experience in Cloud technologies, DevOps tools, and Microservices architecture
- Built and Deployed Container, Serverless, Miniapps using a Central DevOps Pattern
- Collaborated with various stakeholders to build secure and well-architected apps within the delivery deadlines
- Led the team in Agile development and Mentored Engineers on DevOps best practices

Certification

- AWS Certified Solution Architect - Professional
- AWS Certified Security - Specialty
- AWS Certified Solution Architect - Associate
- AWS Certified Developer - Associate
- AWS Certified SysOps Administrator - Associate
- Splunk Certified Architect

Technical skills

- CLOUD - AWS, Oracle Cloud
- OPERATING SYSTEM - Linux, Solaris, Windows
- AWS - EC2, KMS, SSM, S3, Cloudformation, ALB, SNS, SQS, RDS, IAM, ACM
- CI/CD - GIT, Jenkins, Artifactory, GoCD, Bamboo, Bitbucket, RTC
- CONTAINERIZATION - Docker, ECS, Kubernetes
- PROGRAMMING - Python, Shell, Terraform, Ansible, Groovy, Java, Node.js, React, Graphql
- MONITORING - Splunk, Grafana, Prometheus, AppDynamics
- CODE QUALITY - Sonarqube, Checkmarx, Clair, Prisma
- TICKETING - JIRA, Rally, BMC Remedy
- SERVER SIDE TECHNOLOGY - Haproxy, Nginx

Work Experience and Positions

2019 - Present **NAB**, *Senior DevOps Engineer.*

Key Achievements

- Contributed to the Central DevOps framework to build flexible and robust solutions
- Trained and Mentored Engineers to build lean apps and in adopting DevOps best practices

Project Experience

- Adopted and contributed to the Central DevOps framework (NABServ, NAB-X, NEF)
- Built Container (Node.js, Java), Serverless (Python, Node.js), and Miniapps (React) with monitoring and security capabilities
- Refactored Node.js, Java apps to port them to the organization-wide compliant pattern
- Led the team in Agile development and iteration management
- Designed and built secure, reusable terraform modules for commonly used resource stack
- Worked on Haproxy, Nginx load balancing, and routing solutions
- Automated patching and other manual tasks and Migrated AWS accounts for better security, maintenance
- Mentored Engineers on the Central DevOps framework and best practices

2013 - 2019 **Accenture**, *Senior Analyst*.

Key Achievements

- Appreciated by leadership for creating automation scripts that reduced the processing time of service requests by 45%
- Received client appreciation for excellent product knowledge, hard work, support, and dedication

Project Experience

- Built Tibco microservices on Kubernetes cluster in Oracle Cloud with monitoring solutions in Python, Prometheus, Grafana for high availability
- Managed a team to build a Splunk monitoring solution for business and other key stakeholders to keep track of the platform health
- Performed solution design for upgrading an RCRM application in Linux, Solaris, and Windows with disaster recovery capability
- Developed one-click deployment using Cloudformation, Ansible, Jenkins, Lambda, Aurora to reduce ticket inflow
- Managed high volume daily deployments and service requests in Jenkins, RBF, and RTC
- Automated day-to-day tasks in PHP and Shell to save 15 hours per week manual effort
- Worked on LDAP authentication, Haproxy, and Integration to Tibco with JMS queues

Education

2009 – 2013 **Bachelor Of Engineering**, *Anna University*, India.

- Graduated in first-class honors with a GPA of 8
- Organized two major National Entrepreneurship Network programs that had countrywide coverage