Kiruthika Somasundaram

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Summary

- *AWS and Azure Certified Technical lead* with strong experience in Cloud technologies, DevOps tools, and Microservices architecture
- Passionate about delivering outcomes that have positive customer impact through transparent and consistent leadership
- Collaborated with various stakeholders and has experience in handling high stake situations
- Led teams in Agile development, mentored Engineers on their career development
- Volunteered for Gender Balance ERG initiatives to help NAB build diverse teams across all levels of the organization

Certification

- AWS Certified Solution Architect - Professional
- AWS Certified Security - Specialty
- AWS Certified Solution Architect - Associate
- AWS Certified Developer - Associate
- AWS Certified SysOps Administrator - Associate
- Azure Certified Solution Architect Expert
- Azure Certified DevOps Expert
- Azure Certified Security Expert
- Azure Certified Developer and Administrator Associate
- Splunk Certified Architect

Technical skills

- CLOUD - AWS, Azure, Oracle Cloud
- OPERATING SYSTEM - Linux, Solaris, Windows
- AWS - EC2, ECS, EKS, Lambda, KMS, SSM, S3, Cloudformation, ALB, SNS, SQS, RDS, Aurora, IAM, ACM, Athena
- AZURE - VM, EKS, App Services, DevOps Portal, Azure SQL, Cosmos DB
- CI/CD - GIT, Jenkins, Artifactory, GoCD, Bamboo, Bitbucket, RTC
- CONTAINERIZATION - Docker, ECS, Kubernetes
- PROGRAMMING - Python, Shell, Terraform, Ansible, Groovy, Java, Node.js, Graphql
- MONITORING - Splunk, Grafana, Prometheus, AppDynamics
- CODE QUALITY - Sonarqube, Checkmarx, Clair, Prisma
- TICKETING - JIRA, Rally, BMC Remedy, ServiceNow
- SERVER SIDE TECHNOLOGY - Haproxy, Nginx, API Development

Work Experience and Positions

2021 - Present   **NAB**, *Technical Lead.*

Key Achievements

○ Created a culture change by leading the team to have a customer-centric approach for DevOps capability

○ Designed and Delivered Anti Money Laundering changes to unsecured lending and new account origination in Personal Banking

Project Experience

○ Implemented various cost-saving initiatives through automation and right-sizing of infrastructure

○ Led Everyday Banking Origination team in its Multi-Cloud Strategy and Infrastructure capacity planning

○ Eliminated single point of failure for DevOps capability by upskilling individual teams to manage DevOps Infrastructure

○ Played a dual role as a Technical lead handling DevOps/SRE and Solution Design to fill in the recruitment gap

○ Maintained Cloud Security Assurance for all the resources deployed in Cloud

○ An active member of the Gender Balance community group to help NAB achieve its gender diversity targets

2019 - 2021   **NAB**, *DevOps lead.*

Key Achievements

○ Contributed to the Central DevOps framework to build flexible and robust solutions

○ Trained and Mentored Engineers to build lean apps and adopt DevOps best practices

Project Experience

○ Led the team in Agile development and iteration management

○ Mentored Engineers on the Central DevOps framework and best practices

○ Adopted and contributed to the Central DevOps framework Infrastrcture stack for building customer facing and back-end applications

○ Led a team to build a proof of concept for storing business critical application records in Central Data-hub using Glue, S3

○ 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

○ Designed and built secure, reusable Terraform modules for commonly used resource stack

○ Worked on Haproxy, Nginx load balancing, and routing solutions

○ Saved cost by Automating patching and other manual tasks and Migrated AWS accounts for better security, maintenance

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

Key Achievements

- Appreciated by leadership for building innovative solutions to reduce cost
- Received client appreciation for excellent product knowledge, hard work, support, and dedication

Project Experience

- Handled Project Management for a high volume RCRM application and delivered outcomes on time by co-ordinated with the Client, Vendors, and offshore teams
- Promoted to a leadership role to handle the Capacity upgrade and Disaster recovery of the RCRM application to improve user experience
- Led an engineering team to build monitoring and observability dashboard using Splunk for Production and Critical Testing Environments
- Effectively managed Incidents, Problems, and Changes for the RCRM Application
- Developed one-click cost-saving automation 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 Kubernetes, Prometheus, LDAP authentication, Haproxy, Tibco Integration, and a variety of other tools to help project teams deliver a better customer experience

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 national coverage