

Lakshmi N

DevOps Engineer

CAREER OBJECTIVE

Around 10+ years of professional experience in Capgemini Technologies Pvt Ltd. Looking for a career which demands the best professional ability in terms of technical and analytical skills and helps me in broadening and enhancing my current skills, knowledge and to be involved in work where I can utilize skill and creatively involved with systems that effectively contribute to the growth of organization.

PROFESSIONAL SUMMARY

- Using Helm charts run **YAML** file to deploy the deployment and service in **Kubernetes** environment in a specific namespace.
- Create resource using **power shell script**.
- Implementing CI/CD in the way SecOps using **Git, Jenkins, SAST, DAST** tools and Azure Services in Agile environment.
- Responsible for Build & Deployment issues across all the environments like from Dev to PROD.
- Design & implement the infrastructure using **Terraform** and Azure services like **VMs, App services, AKS, Load balancers, application gateway, SQL DB, Cosmos DB**, etc.
- Design & implement the observability for monitoring, alerting the system & application performance issues using **ELK, Grafana, Splunk** and Azure Monitor, Log analytics, then back and site recovery.
- Handling security to the best standards using **Azure AD, AD Connect, SAML, Azure Vnet, infra** etc.
- Worked on **Azure Boards** for creating work items and tracking the status of the project.
- Created build and release pipelines in Azure Devops and did deployment to multiple platforms by implementing **CI/CD YAML** file.
- Configured and managed **Azure Active Directory**, enabling secure authentication, **RBAC, SSO**, and enterprise app registration. Customized Azure Policy to enforce compliance and governance across cloud resources, ensuring secure and standardized deployments within **AKS** and other Azure services.
- Automated Azure infrastructure provisioning and resource management using **ARM templates, Azure CLI, and PowerShell Scripts, Terraform** enabling consistent and repeatable environment setups.
- Use **Docker** and **Kubernetes** to manage micro services for development of continuous integration and continuous delivery.
- Worked on deploying automation of all the micro services to pull image from the private **Docker** registry and deploy it to **Kubernetes Cluster**.
- Acted as build and release engineer, deployed the services by **VSTS** (Azure DevOps) pipeline. Created and Maintained pipelines to manage the **IAC** for all the applications
- Technology used in project **VSTS, AZURE**, and Windows server.
- Creating Azure Key Vault for storing important keys and used in Azure Devops release pipeline instead of hard coding.
- Creating Infrastructure in Azure using **ARM** templates to deploy applications.
- Created dashboards in **VSTS** for **CI/CD** pipeline, work items and bugs.

WORK EXPERIENCE

Title : Qloudable.
Client : HSBC.
Role : DevOps Engineer
Duration : Oct 2020 to Till Date.

Roles and Responsibilities:

- Using Helm charts run **YAML** file to deploy the deployment and service in Kubernetes environment in a specific namespace.

CONTACT

- **BANGALORE**
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SKILLS

Subversion, Git, GitHub & Bitbucket, Maven, Gradle, JIRA. (Ticketing Tool), Jenkins & TeamCity, Docker, Kubernetes, Terraform, Azure & AWS & Opsera, Checkov, Synk, SonarQube, ELK, Splunk, SAML, Apache, Tomcat, JBoss, MS-Windows, Red-hat Linux, Shell scripting, Groovy & YAML, SQL, MySQL & RDS, Grafana, Nailo & OSP, Azure Monitor, Confluence, Service now, Incident Management

Hard Skills:

- **CI/CD Pipelines**
- **Configuration Management**
- **Cloud Computing**
- **Automation**
- **Continuous Integration**
- **Release Management**
- **Process Optimization**

PROFESSIONAL EXPERIENCE

Currently working in Capgemini Technologies Pvt Ltd. Bangalore
Duration: April 2015 to till date.

EDUCATION

Master of Computer Applications (MCA) from Andhra University.

- Create resource using power shell script.
- Worked on Azure Boards for creating work items and track the status of the project.
- Created build and release pipelines in Azure Devops and did deployment to multiple platforms by implementing CI/CD YAML file.
- Setting up pre and post deployment approvals before deployment to multiple stages in Release pipeline.
- Technology used in project VSTS, AZURE, and Windows server.
- Creating the branching and merging strategies for the development using version control system Git.
- Creating Azure Key Vault for storing important keys and used in Azure Devops release pipeline instead of hard coding.
- Creating Infrastructure in Azure using ARM templates to deploy applications.
- Created dashboards in VSTS for CI/CD pipeline, work items and bugs.

WORK EXPERIENCE

Title : Barclays PCB
Client : Barclays Bank, UK.
Role : DevOps Engineer.
Duration : Oct 2018 to Oct 2020.

Roles and Responsibilities:

- Deploy and manage the Azure Services like Virtual Machines, Web Apps, Storage, Azure Active Directory, Virtual Networks, Azure CDN & Microsoft Operations Management Suite (OMS).
- Configured Azure Virtual Networks (V Nets), subnets, Azure network settings, CDIR address blocks, DNS settings, security policies.
- Exposed Virtual machines and cloud services in the V Nets to the Internet using Azure External Load Balancer.
- Implementation and configuring of Azure backup.
- Installing, Configuring and managing of Active Directory, DNS, DHCP, IIS and FILE servers
- Adding, removing, or updating user account information, resetting passwords.
- Good knowledge in ARM templates, automated ARM resource creation using ARM templates.
- Expertise in Database Backup, Restore and implementing Disaster recovery strategies
- Experience in Database administration activities (creating logins, users, roles, and assigning permission to them)
- Experience in Production, Pre-production and Test environments for data migration/data availability using backups and restore and import and export wizards.
- Having experience configuring Kubernetes in AKS.

WORK EXPERIENCE

Title : DLG (direct Line Group) Insurance
Client : DLG, UK.
Role : DevOps Engineer.
Duration : April 2015 to Oct 2018.

Roles and Responsibilities:

- Responsible for creation of CI/CD pipelines using tools like GitHub, Jenkins, Maven etc.
- Worked on Docker container creation and maintenance for Micro Service applications.
- Worked in all areas of Jenkins setting up CI for new branches, build automation, plugin management and securing Jenkins and setting up master/slave configurations.
- Test, upgrade and maintenance of tools using scripts in windows and Linux environments.
- Responsible for handling tickets/requests and changes raised by customers in Service Now.
- Application, Middleware tools and Server maintenance and monitoring.
- Writing Shell and BASH scripts for Application tasks and monitoring.
- Coordinating with the Infra team for OS patching activities.
- Work with stakeholders to gather business requirements for software update requests, providing software solutions based on the requirement.
- Providing enhancements to the support process as per customer requirements.
- Developed “Resource Management” web application in JAVA for Motorola Solutions, L&D platform.