



**Chakravarthy.K**

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15 years of experience as a **Principal** **Cloud** **DevSecOps Architect** for technology with proven experience in designing high performance applications with **multimillion-dollar** business impact. Exceptional skills in team building, mentoring, envisioning the product road map and leading teams acrossgeographies. Excellent attitude, communication and leadership skills. In depth Engineering, Architecture and Product management experience. Hands on with strong understanding of GCP, AWS, Azure, DevOps, IBM Cloud, Data Modelling, Algorithms Security, test Automation, and Release Management.

 **Professional Summary**

* Strong experience in working with Engineering Managers, Enterprise Architects, Product Architects Product Managers, Product Owners, Scrum Master and Developers to execute on the Agile team’s vision and roadmap by thoroughly identifying customer’s needs.
* Responsible for a team of Development, Architecture, DevOps, DevSecOps and Site Reliability Engineer (SRE) Team. Ensure technical solutions are aligned to organization architectural principles, designs, and NFRs, enterprise standards that deliver value quickly to the customers, ensuring consistent, secure environments are created and aligned to the security and audit requirements.
* Strong hands-on the managed cloud hosting business and migrations solutions for Microsoft Azure, AWS, GCP, IBM Cloud, market practices and trends, customer needs, existing products, and IT solutions, key global and regional players, business dynamics, etc.
* EC2 container service, Lambda, Elastic beanstalk, S3, EFS, Storage gateway, Glacier, VPC, direct connect, Transit Gateway, ELB, Auto Scaling, ACM, Cloud Front, Cloud Formation, Cloud Watch, Cloud Trail, SNS, SES, SQS, SWF, IAM, RDS, DynamoDB, Elasticache, Redshift, AWS Backup.
* Hands on experience of AWS including scaled multi-region deployment for Nodejs apps,MongoDB Clustering, Ansible, Docker, Kubernetes, Linux,AWS Service CatLog and other service governance features; tagging frameworks, infrastructure as code using Terraform.
* Strong experience in setting up Resiliency framework for the cloud and DevOps to detect,alert management and faster recovery across operations,systems,Infrastructure and across the Regions.
* Implemented Disaster recovery ,High Availability ,Standard Backups and Snapshots across different regions and services like Kafka,RabbitMQ.
* Strong experience in creating Migrating microservices from old to new AKS Clusters using spinnaker, Azure Pipelines, Logic apps, Azure Functions, Infrastructure and security for Dev, QA, and Release automation.
* Strong experience in defining excellent DevOps strategy in VM’s and Cloud environment using DevOps Technology stack includes Git, Bitbucket, Bamboo, CI /CD with Argo CICD,Workflow,Jenkins, Docker, Kubernetes, Ansible, Terraform.
* Strong experience in Hiring the best talent and monitoring of annual performance plans, coaching, and career development.

 **Experience**

April 2023 – Oct 2023

**Cloud DevSecOps Solution Architect**

**Ecolibrium Energy (Remote)**

Designed and Implemented AWS Environment for Ecolibrium energy using core AWS services EC2, Lambda, S3, Security Groups, Subnets, IAM Roles,VPC,ELB,RDS,Route 53 and cloud formation.

* Created Kubernetes Clusters for Node.js,MongoDB , Containers, Argo CD,Jenkins CI/CD Pipelines, Terraform and Ansible scripts for Automating Ecolibrium digital Transformation.
* Created high availability for Rbbit MQ, MQTT, Disaster Recovery, Messaging System Kafka and Rabbit MQ, Re Architecture network layer and maintained production scalability.
* Setup site reliability engineering monitoring and observability using Datadog, CloudWatch, Grafana,

Prometheus. Handled a team of 5 members and driving towards the org goals.

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| Oct 2021 - |
| Feb 2023 |

**Cloud DevSecOps Solution Architect**

**DU Telecom (Dubai - Remote)**

Designed and Implemented DevSecOps Automation for Greenfield Transformation across DU Telecom in AWS and Azure Cloud.

* Created Kubernetes Clusters, Containers,Jenkins CICD ,Argo CD Pipelines, Terraform and Ansible scripts for Automating Greenfield Transformation.
* Implemented Build and Deployed microservice based applications using EC2,ELB,RDS,S3,AWS Fargate, ECS and EKS for cost optimization and datalake data bricks for Azure.
* Setup site reliability engineering monitoring and observability using Datadog for all AWS Services.
* Responsible for 5 top notch DevOps and SRE’s and their performance.

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| Jan 2021 - |
| Aug 2021 |

**Cloud DevSecOps Solution Architect**

**IBM (Research & Development)** Bangalore, India

Defined and Implemented DevSecOps and Datacenters Automation for NGDC (Next Generation data center) in IBM Labs (IBM Cloud – R&D).

* Created Jenkins CI/CD Pipelines, Terraform and Ansible scripts for Automating sky pad and Bedrock Services in IBM Cloud Datacenters.
* Implemented automation and test strategies for Keyclock, Teleport,Redhat Satillite,Consule and Redhat capsule and for Skypad and Bedrock services using Python and Ansible.
* Effectively communicated with Sales directors of DevSecOps tools stack for NGDC Product using Snyk, Anchore.
* Mentor and team manager for 12 top notch Engineers including IIT graduates ,SRE ,DevOps,CoudOps.

**Cloud & DevSecOps Architect**

July 2020 -

PWC (Research & Development), Bangalore, India

June 2019

**Fintech:**

* Created Roadmap for an end-to-end DevSecOps solution to the Fintech / Banking customer using AWS Kubernetes.
* Implemented CI/CD Pipelines Using Jenkins and integrated Docker and Kubernetes for production deployments and migrated file system and storage to Azure Datalake and Databricks.
* CreatedDevOps Pipelines in Azure and AWS for File storage services and Deployments. Setting up IAM for accesses.

Dec 2018 **DevSecOps and Cloud Architect / Lead Engineer**

Oct 2016 **IKEA (Capgemini, Helsingborg,Sweden)** , Bangalore, India

* Execute DevOps strategy, Continuous Integration and Continuous Deployment and cloud infrastructure for Ikea Payment gateway and Ikea integration **using AWS and Azure.**
* Migrated Large E-Commerce data to AWS and Azure Cloud and created zero downtime, blueprint deployments using docker.
* Orchestrated microservice application deployments using Jenkins, Docker, Kubernetes, terraform in AWS and Azure.

July 2015 **DevOps and Cloud Architect / Lead Engineer**

Jan 2016 **Reliance Jio Product** **Division**, Bangalore, India

* Created and deployed Go Language applications in LTE development and provisioned infrastructure successfully in AWS.
* Designed and implemented DevOps and Cloud infrastructure solutions for Jio 4G using Aws and Jenkins, Docker.

Jun 2014 - **Delivery Module Lead** - **DevOps**

July 2015 Mphasis Ltd, Bangalore

* Created Ec2 Instances, S3 Buckets,IAM Roles and security Groups.
* Deployed Java/J2EE based applications and deployed using Jenkins Maven and Git.

Jun 2011 - **Team Lead**, **Build and Release**

Jun 2014 NTT Data GDS, Bangalore

* Set up Jenkins server and build jobs to provide continuous automated builds based on polling the Git source control system during the day and periodic scheduled builds overnight to support development needs using Jenkins.

July 2007 - **Software Engineer**

May 2011 Sysnet Technology Solutions Pvt Ltd.

* Created Transformations using Informatica.
* Created Reports using Cognos.

 **Education**

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| 2004 - | **MCA, SVU, Tirupati.** |
| 2007 |  |

 **Skills**

Azure, GCP, GKE, GCP Market Place, Big Query, Datawarehouse



* Security Groups, Grafana, Fargate, Oracle, PL/SQL. Jenkins,Docker,AWS,Kubernetes,Terraform,Bamboo,Maven,Python,Jira,Git,Bitbucket.



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|  | **Awards and Certification** |
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| 2013 | Best Employee 4 times (NTT Data)  Out Standing contribution for 2 times ( NTT Data)  AWS Certified Solution Architect professional - E0DEVDG2XME4Q9KE |