**Dheeravath Dinesh**

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**MOBILE** + 91 9550838250

**LOCATION**

Hyderabad, India

## Aws DevOps Engineer

A **competent professional** with expertise in leading and contributing to projects involving **technology transitions and cutting-edge DevOps methodologies** to enhance **system performance and end-user productivity**. Currently seeking a **challenging opportunity as an AWS Cloud & DevOps Engineer** with a reputed organization to leverage skills in **cloud infrastructure, automation, and CI/CD** for delivering scalable and cost-efficient solutions.

# PROFILE SUMMARY

### A result-oriented IT professional with 6 years of experience as an AWS Cloud & DevOps Engineer, specializing in cloud infrastructure, automation, and CI/CD pipelines

* Comprehensive knowledge of Kubernetes, Apache Kafka, Jenkins, Terraform, Ansible, ELK, Aws Cloud, Docker, Helm Charts and Linux Administration as well as exposure to OpenShift
* Designed and implemented branching strategies, CI/CD pipelines, build and release activities with agile mindset

### Hands-on experience with SonarQube for static code analysis and artifact management using Sona type Nexus and J Frog

* Expertise in managing **Software Development Lifecycle (SDLC)** right from requirement analysis, documentation & testing to maintenance of proposed applications

### Experienced in configuring daily builds, managing deployments, and publishing latest builds to DEV, QA, and production environments

* Adept at network configuration on cloud platforms, implementing DevOps practices for automation and faster delivery
* Skilled in log monitoring & observability using ELK Stack, Grafana, Prometheus, and AWS CloudWatch
* Strong ability to manage production deployments, troubleshooting, and stakeholder communications

 **CORE COMPETENCIES**

Project Execution & Management DevOps Build and Release CI/CD Set-up & Process



Cloud DevOps Automation Requirement Analysis Client/ Stakeholder Management

# TECHNICAL SKILLS

**Category Tools & Technologies**

**Cloud & Orchestration** AWS Cloud, Kubernetes (EKS, On-prem), Docker, Helm Charts

**CI/CD & Version Control** Jenkins, GitHub, GitHub Actions

**Infrastructure as Code** Terraform, Ansible

**Monitoring & Logging** AWS CloudWatch, Prometheus, Grafana, ELK (Elasticsearch, Logstash, Kibana), Kafka

**Build & Artifact Mgmt** Nexus, J Frog, AWS Code Artifact, Maven, Docker Hub, AWS ECR

**Programming & Scripting** Bash, Groovy, YAML **Security & Scanning** Aqua Trivy, SonarQube **Blockchain** Hyperledger Fabric

**Operating Systems** Linux (Ubuntu, Red Hat, Open-shift)

**Agile Tools** Jira, Agile Methodologies (Scrum, Kanban)

EDUCATION

 **M. Tech. in Electrical & Electronics Engineering**

Vishnu Sree College of Engineering and Technology, JNTUH, Telangana | *2014 – 2016*

 **DIED Course-2017-2019**

 **WORK EXPERIENCE**

 **DevOps Engineer (NPCI Client)**

Spydra Technologies Pvt Ltd, Hyderabad | May 2024 – July 2025

 **AWS Cloud – DevOps Engineer**

Infiray Soft Pvt Ltd, Hyderabad | Mar 2019 – Apr 2024

# PROJECT UNDERTAKEN

**Title:** Central Bank Digital Currency (CBDC)

**Client:** NPCI

**Duration:** *May 2024 – July 2025*

**Environment**: AWS Cloud, Kubernetes, Docker, Jenkins, Nexus, Terraform, GitHub, MariaDB, Hyperledger Fabric, Helm charts

**Application:** Elastic Search, Logstash, Kibana, Apache Kafka

**Process:** Agile Kanban Boards (Jira, Slack, Service Management (Jira))

**Key Result Areas:**

* Deployed and configured Hyperledger Fabric network for the Digital Currency platform; performed issue resolution and network debugging for blockchain components
* Managed and maintained on**-**prem Kubernetes clusters, ensuring high availability, scalability, and seamless application deployment through rolling updates and auto-scaling and zero-downtime deployments
* Utilized Docker and Helm for containerization and deployment of microservices; managed private registries using Docker Hub and Nexus
* Built and managed Docker images and containers, ensuring security, stability, and scalability across development and production
* Installed and configured MariaDB and KeyDB using Helm charts; resolved persistent volume (PV/PVC) issues related to storage in Kubernetes
* Led a DevOps team supporting deployment CI/CD pipelines and infrastructure for NPCI and all participating banks, ensuring high service reliability
* Monitored system performance and availability using Prometheus, Grafana, ELK Stack, and Elasticsearch; implemented alerting for proactive issue resolution
* Developing and automating data pipelines Practiced Agile methodologies (Kanban) using Jira and Zoho Projects, collaborated with cross-functional teams for seamless release cycles
* Deployed UAT & PROD environments on-prem using Kubernetes
* Collaborated with NPCI & banks for seamless production delivery
* Managing a team that is engaged in Cloud DevOps automation and support
* Installing Jenkins with HA and formulating the Jenkins end-to-end pipelines
* Interacting with the different teams using Slack Channel; monitoring the progress; checking the tickets or any issues as well as using JIRA to raise the incidents

**PROJECT UNDERTAKEN**

**Title:** Snippet

**Client:** Evi tech

**Duration:** Jan 2022- Apr 2024

**Environment**: DevOps on AWS Cloud., Kubernetes, Ansible, Jenkins (CICD), Terraform, Docker, Helm Chart, SonarQube, Trivy, Maven, Git Hub, Bit Bucket, Docker Hub, Route53, SonarQube, S3, J Frog

**Application:** Apache Tomcat, java Spring Boot, Apache Kafka

**Process:** Agile Kanban Boards (Jira, Slack)

**Key Result Areas:**

* + Working in a AWS Cloud environment as well as managing services as a platform.
  + Managed and maintained Kubernetes cluster, ensuring high availability and scalability for containerized applications, implemented rolling updates and automatic scaling to accommodate increased workloads during peak usage periods
  + Managing a team that is engaged in Cloud DevOps automation and support
  + Deploy non-prod in to one EKS and PROD into other EKS in another AWS Account and manage the communication using Transit gateway with cross IAM access for resource access
  + Installing Jenkins with HA and formulating the Jenkins end-to-end pipelines and reducing deployment errors
  + Using CI & CD in one single Pipeline also with continuous deployment support with automated functional test units can run from the pipeline stages only
  + Use Config Map to mount application .yaml file for each micro services during the deployment time with environment values
  + Set up k8s ingress and ingress controller from scratch optimizing application routing and resource allocation
  + Interacting with the different teams using Slack Channel; monitoring the progress; checking the tickets or any issues as well as using JIRA to raise the incidents
  + Collaborated with cross-functional teams to ensure seamless project delivery in an Agile environment
  + Gained valuable experience in CI/CD for java-based application using Maven, enhancing build efficiency and reliability

# PROJECT UNDERTAKEN

**Title:** Log Monitoring and Observability

**Client:** Fairway

**Duration:** Sept 2019- Dec 2021

**Environment**: DevOps on AWS Cloud., Kubernetes, Ansible, Jenkins, Terraform, GitHub

**Application:** Elastic Search, Logstash, Kibana, Apache Kafka

**Process:** Agile Kanban Boards

**Key Result Areas:**

* Deploying Elastic Beats to pull all the Logs from all boxes Linux and pushing that into the Elastic search to create the dashboards in the Kibana
* Designing DevOps CI Pipeline; developing the architecture for Apache Kafka to process and monitor the data
* Deploying the applications to Kubernetes as microservices
* Providing training to team members and across the organization
* Implemented a highly available Jenkins setup and built end-to-end CI/CD pipelines, reducing deployment errors and improving release reliability
* Created network configurations on AWS Cloud and applied DevOps automation practices for faster and more efficient delivery
* Worked as a DevOps Engineer to build, deploy, and manage cloud-native services on AWS Cloud, ensuring scalability and high availability



**PERSONAL DETAILS**

**Date of Birth:** 9th May 1989

**Languages known:** English, Hindi & Telugu

**Address:** Lala pet, Hyderabad – 500017