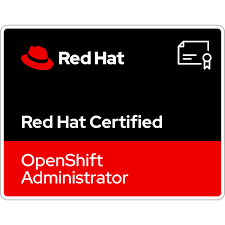
**Anil Kumar**  **Devops Solution Architect**

**Email: anilk.devait@gmail.com  
Cell: 945-268-4112**

**PROFESSIONAL SUMMARY:**

* Experienced **DevOps** and **Cloud Architect** with over **15 years** of hands-on expertise in designing, implementing, and managing robust cloud-based solutions. Proven track record of optimizing development processes, automating deployments, and enhancing scalability for diverse projects.
* Adept at leading **cross-functional** teams and driving successful cloud migration initiatives.
* Experience in Onboarding **K8S**/**CI/CD Implementation**/**Automating** **Release** and Change
* **Management/Infra Automation/Software Configuration/Process flow creation /optimization** and other several DevOps processes.
* Have very good experience and exposure on Kubernetes.
* Java Developer experience in Product development using **Java, J2EE, Rest API**, **Automation** Testing
* **J2EE** and Web related technologies.
* Worked on forming Kubernetes cluster on Regular **VMs**, **Cloud Platform AWS EKS** & **Azure** **AKS**.
* Created several **Kubernetes** resources during the application onboarding.
* Extensively worked with Version Control Systems like **GIT, SVN**.
* Single handedly Modernized multiple applications with centralized **CI/CD** model.
* Created resources on private and public clouds (**AWS**) using Terraform.
* Developed Ansible scripts to install and configure tools/Applications in **VMs** on Private and Public Clouds.
* Designed and Developed the Release Pipelines for application change management.
* Implemented pipeline jobs on Jenkins to semi automate the weekly releases.
* Extensively worked on automating various processes using **Jenkins** and **Shell Script**.
* Administered and Implemented Jenkins for automated/scheduled builds.
* Administration and creation of Individual **Jenkins** jobs, including automatic generation, reporting and alerting of build failures and build status indicators.
* Administrating, Creating, Configuring and managing the **Hashicorp** **Vault Namespaces**
* Expertise in using build tools like **MAVEN, ANT, GRADLE** for the building of deployable artifacts such as War & Jar from source code.
* Experience in integrating **Unit Tests** and **Code Quality Analysis** Tools like **SonarQube**.
* Experience in using **Nexus, JFrog** **Repository** Manager for **Maven** builds.
* Experience is using **Tomcat**, **Jboss** application servers for deployments.
* Application Deployments & Environment configuration using **Ansible** and **XL** **Deploy** it.
* Experience with Linux environments and scripting for Build & Release automation
* Good Experience in **Docker** like creating **Docker** Images and Docker Containers.
* Have Good working experience on **DevSecOps**, did vulnerability scan using tools **Veracode**, **JFrog Xray**, **OWASP** Dependency check.
* Experience in different services of **AWS** like **Cloud Watch, EBS, IAM, ELB, AS, EC2, VPC** and **S3**.
* Good experience of working with applications which use their backend Database services such as **SQL Server, PostgreSQL** and **MySQL**.
* Knowledge of Spring, Hibernate **ORM, Maven, ANT, Selenium** based automation.
* Worked on maintaining **CI** & **CD** pipelines and delivering releases for multiple Applications running on Linux based distributed Infrastructure.
* Ability to work closely with **FTs**, to ensure high quality and timely delivery of builds and releases.
* Strong ability to troubleshoot any issues generated while building and deploying in production support.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Operating Systems** | Linux, Windows |
| **Version Control Tools** | GIT, GitHub, SVN, TFS, Bitbucket |
| **Scripting Languages** | Shell Script, Java script, AngularJS |
| **Databases** | SQL Server, MySQL, PostgreSQL, Mongo DB |
| **Application/Web Servers** | Tomcat, Jboss |
| **Build Tools** | Ant, Maven, Gradle |
| **Cloud** | AWS, AZURE |
| **Configuration Management Tools** | Ansible |
| **Infrastructure as Code Tools (IaC)** | Terraform |
| **Secrets Management Tool** | Hashicorp Vault |
| **Deployment Tools** | XL Deploy it, Ansible |
| **Continuous Integration** | Jenkins |
| **Code Quality** | SonarQube & Scanner |
| **Containerization** | Docker |
| **Ticketing Tools** | Jira, Rally, Service now |
| **Artifactory Repos** | JFrog and Nexus |
| **Monitoring & Logging Tools** | Grafana, Prometheus, Kibana, Elastic Search, Logstash, fluentd |
| **Back-end Tools** | Hibernate, Spring Boot, Spring MVC, Spring AOP, PL/SQL |
| **Languages** | Java |

**PROFESSIONAL EXPERIENCE:**

**Project # :1**

**Maveric Systems/CITI BANK, Irving TX Oct 2018 – Till Date  
Technical Architect – DevOps**

**Description:** Maveric Systems is a niche, domain-led, BankTech specialist, that partners with global banks to solve their business challenges through emerging technology. Our 2750 technology specialists and proven frameworks help our customers navigate a rapidly changing environment, enabling sharper definition of their goals and measures to achieve them.

**Responsibilities**:

* Designed the architecture for end-to-end application of leadgen application.
* Created entire **VPC**, subnets and **IAM** setup on the **AWS** account.
* Conducted sessions with **AWS** team to identify the right platform to deploy large language models.
* Prompt engineering to convert the natural language statement to an **OpenSearch** query.
* Collaborate with multiple stakeholders for facilitating the effective translation of business requirements into technical solutions.
* Implemented a 'server less' architecture using **API** **Gateway**, **Lambda**, and **Dynamo** **DB** and deployed **AWS** **Lambda** code from **Amazon S3** buckets. Created a Lambda Deployment function, and configured it to receive events from your **S3** bucket
* Build and deployed and scaled machine learning models with **AWS SageMaker.**
* DevOps role converting existing **AWS** infrastructure to Server-less architecture (**AWS** **Lambda**, **Kinesis**) deployed via **CloudFormation** .
* Automated **OpenStack** and **AWS** deployment using **Cloud** **Formation**, **Ansible, Chef** and **Terraform**.
* Implemented cluster services using **Kubernetes** and **Docker** to manage local deployments in Kubernetes by building a self - hosted **Kubernetes** cluster using **Terraform** and **Ansible** and deploying application containers.
* I undertook comprehensive research into various **AI** tools, conducting proof of concept (**POC**) implementations to assess their viability. Through diligent effort, I successfully demonstrated these concepts to client stakeholders, showcasing the potential business benefits of integrating **AI technologies**.

**Environment**: AWS SageMaker, lambda, code commit, OpenSearch, Document DB, Terraform, Bit Bucket, Linux, python, Ai21 labs Model, Falcon 40b, Falcon7b, GPT 3.5, Tellius.

**Project # :2**

**Standard Charted Bank, India**

**Technical Architect - DevOps**

**Responsibilities**:

* Working as **DevOps** Consultant focused on Designing, building and maintaining **CI/CD** infrastructure and On boarding readiness for IaaS platform on AWS.
* Prepared Terraform script for **AWS EC2** and **AWS EKS** creation.
* Automated process for deployment using **Helm** and **python** for **Kubernetes**.
* Design and Extending the Common ci/cd pipeline for all microservices.
* Setting up EFK on Kubernetes for Logging
* Setting up Prometheus and Grafana on Kubernetes for Monitoring
* Setting up roles and controlling access on bitbucket
* Preparing Jenkins pipeline for microservices build and deployment.
* Used Ansible script for Configuration Management
* Contribute to infrastructure improvements, architecture, development, and deployment.
* Influence teams, build relationships, manage conflicts, and handle negotiations.
* Creating service accounts and non-expiry applicative user accounts for automation
* Preparing Dockerfile based on inputs from application team.
* Preparing Kubernetes common manifests (Deployments, services, PVC, configmaps, ingress, Daemonsets).
* Preparing deployment and startup scripts.
* Managing environments for in all levels.
* Support PROD Deployment using Release pipelines and changemangenet process wit PSS.
* Tech stream meeting daily with Agile team
* Daily Status meeting with application team manager. And walkthrough on roadmap
* Understanding and following the business strategy, objectives, and adjusting to performance metrics.
* Excellent organization, time management, problem-solving, and analytical skills with the ability to handle pressure and focus on results.
* Extensive experience in Cloud infrastructure, Operations and DevOps roles.
* Prepared Kibana dashboards for error and issue tracking and vulnerability scan reports Unisys.

**Environment**: AWS, Terraform, Bit Bucket, Linux, Jenkins, Artifactory, Xray, SonarQube, App scan, Docker, Kubernetes, EFK, Prometheus, Grafana, Ansible, Nginx, Shell Script, Helm.

**Unisys India Private Limited, India Apr 2014 – Oct 2018**

**Sr. Devops Consultant**

**Responsibilities:**

* Worked on the DevOps as a solution consultant.
* Has experience in automation testing using selenium web driver.
* Has experience in Docker scripting, Developed Intellectual property Devops-In-a-Box using Docker scripting.
* Has experience in managing project environments on cloud using AWS, Azure
* Worked on Unisys DevOps Workbench as a Lead Developer and Consultant.
* Developed complete Build Automation flow using GIT LAB, Jenkins, SonarQube, Nexus under DevOps Workbench.
* Came up with innovative ideas in design and development and implemented them to increase adaptability of the DevOps Workbench.
* Developed UI Using AngularJS, Bootstrap inn DevOps Workbench.
* Migrated a Content Management Application Info Image Work Manager (IWM) to Liferay portal, as a lead developer.
* Implemented Record Manager (RM) application in support of IWM as a lead developer.
* Implemented the SOAP based Web Services client for IWM & RM to integrate with legacy InfoImage product.
* Worked on HTML5, JavaScript Framework, jQuery to develop UI port lets in IWM, RM.
* Worked on both Relational DB and the NOSQL DB like Mongo.

**Emids Technologies, India Apr 2013 – Apr 2014  
Sr. Software Engineer**

**Responsibilities:**

* Worked on Vitera Patient Portal as a lead developer, using which patients access their clinical data over Portal.
* Designed & developed end to end portlets for the patient’s usage.
* Worked on Liferay Ext and Hook.
* Leading the standup meetings, Sprint Planning, Estimating Use cases for portal development.
* Creation of UI layer using ICE faces, JavaScript, XHTML, JSP, HTML5, CSS.
* Review peers code and mentor on the project & technical details
* Used Code review & code coverage tools like PMD, EMMA.
* Developed portal back end using Hibernate, Spring.
* Developed application for using both MySQL& SQL Server.
* Managed branching, tagging and merging using SVN.

**MISYS Software Solutions Pvt, India Mar 2008 – Apr 2013**

**Software Engineer**

**Responsibilities:**

* Worked on Misys Connect Portal, using Liferay as a Senior developer. Which is a health information exchange portal between Hospitals.
* Involved in open source initiative and contributed in design and development of the the profiles based components OpenPIXPDQ, OpenXDS, OpenDSUB, OpenATNA and XCPD under Open Health Tools (OHT).
* Worked in a highly agile team (SCRUM methodology) with sprint planning, estimating and demonstrating the user stories.
* Written new channels for mule based ESB Mirth and maintained existing channels with multiple adapter life Flat file, Database, LLP Listener, Channel reader.
* Maintain and support all open source projects developed under OHT.
* Conduct sessions on project to the team members on the open source components developed.
* Participated in 2012 Connect-a-thon and complete all profiles successfully.
* Worked on liferay ext and hook. Having good knowledge on liferay administration.
* Consumed and published web services using AXIS and JAX-WS.
* Creation of UI pages and custom components using JSP, JSF and Ice faces.
* Used Code review & code coverage tools like PMD, EMMA.
* Developed portal back end using Hibernate, spring.
* Developed application for using both MySQL & SQL Server.
* Managed branching, tagging and merging using SVN.
* Review peers code and mentor on the project & technical details.

**EDUCATION:**

* Master of Applications from Kakatiya University, Warangal, 2006.
* Bachelor’s Degree in BSC (Statistics) from Kakatiya Universiry 2003