AKHIL RAJ

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CAREER SUMMARY

IT Professional with 10+ years of Experience in leading and directing IT Projects from inception to completion. With progressive experience as DevOps Engineer, I have proven ability in Infrastructure design, Automation in the deployment side, Microservice (Docker and kubernetes) network and architectural design. Highly motivated and innovative professional with hands-on and in-depth experience in Multiple Technologies.

PROFESSIONAL EXPERIENCE

Founder & CEO of Devonic Solutions
Work Location: Kochi, India
Period: Feb 2025 - Present

Roles & Responsibilities:

➢ Founded and scaled a DevOps and cloud services startup delivering outsourced infrastructure and automation solutions to global clients
➢ Designed, implemented, and managed cloud architectures on AWS, Azure, and GCP, ensuring high availability, security, and cost optimization
➢ Led end-to-end DevOps engagements including CI/CD pipelines, infrastructure as code (Terraform), containerization (Docker, Kubernetes), and monitoring
➢ Collaborated directly with clients to assess infrastructure needs, propose solutions, and deliver on SLAs

Lead DevOps Engineer at Concentrix Daksh Services
Work Location: Bangalore, India
Period: Feb 2021 - Aug 2023 as **Sr. DevOps Engineer**
Period: Aug 2023 - Feb 2025 as **Lead DevOps Engineer**

Roles & Responsibilities:

➢ Jenkins and Jenkinsfile with Shared groovy library for CI/CD
➢ IaC with Deployment Manager (GCP), Cloudformation Template (AWS)
➢ Review, verify, and validate the software code developed for DevOps tasks
➢ Designing microservice deployment architecture and implementation.
➢ Managing virtual machines and other services in multiple cloud providers such as AWS, GCP and Azure.
➢ Maintaining and configuring virtual machines and dependencies with ansible.
➢ Helping Developers to fix the deployment issues and dockerization of services.

- ➢ Managing Databases and cached services for multiple environments such as MySQL, Memcached and Redis.
- ➢ Working with scrum methodologies

DevOps Engineer at Extreme Innovation Technosys (Kognitiv Corporation)

Work Location: Bangalore, India
Period: Sep 2018 - Oct 2020
Kognitiv acquired Xtreme Blockchain Labs on 2019-07-01.

Roles & Responsibilities:

- ➢ Working on blockchain and hyperledger fabric to configure private blockchain networks and deployed on kubernetes with custom docker images.
- ➢ Production and non-production automatic deployment of services with Jenkins server.
- ➢ Managing infrastructure and network in multiple cloud providers such as GCP, AWS and Azure.
- ➢ Designing microservice architecture for the product and deploying it on the kubernetes cluster.
- ➢ Versioning and rollback strategy for microservices in k8s deployment.
- ➢ Storing service logs / deployment logs in elasticsearch and configuring visualization in kibana.
- ➢ Monitoring services and deployments with Prometheus and Grafana (whitebox monitoring) and Nagios server (blackbox monitoring).
- ➢ Managing multiple database servers and managed services such as MySQL, PostgreSQL and MongoDB in the project.
- ➢ Monitoring & troubleshooting performance related issues in kubernetes and virtual machines.
- ➢ Creating complex Shell script / Python Script for automation tasks.
- ➢ Using cloudbuild from GCP to build and deploy artifacts.

DevOps Engineer at Vivasa Information Systems

Work Location: Bangalore, India
Period: July 2016 - Mar 2017 as **DevOps Consultant**
Period: Mar 2017 - Aug 2018 as **DevOps Engineer**

Roles & Responsibilities:

- ➢ Creating dockerfile and docker-compose file for multiple service deployment on virtual machines.
- ➢ Configuration and management of Development environments like eclipse che and codenvy which can be accessed over the internet from anywhere with proper security measures.
- ➢ Managing source code in GitLab, Github.
- ➢ Continuous integration and continuous deployment (CI/CD) configuration and management with Devops tools like Jenkins, Kubernetes.
- ➢ Configuring a Centralized Authentication management system with LDAP for developers machines.
- ➢ Cloud server Management and maintaining Backup of servers periodically.
- ➢ Shell scripting for automated tasks.
- ➢ Monitoring and maintaining logs of all servers with Nagios and EFK.
- ➢ Working with NoSQL databases like Cassandra.
- ➢ Configuration and management of Dedicated Server in Hetzner Robot and using ESXI hypervisor for vm management.

- ➢ Installation of Production release in Client servers (remotely).
- ➢ Maintaining Documents for installation instructions and FAQ for production releases.
- ➢ Working on different Cloud Service Providers such as Scaleway, Hetzner.

Trainee - Implementation Engineer
Xalted Information System
Work Location: Cochin.
Period: Dec 2015 - Jun 2016 (6 months of contract)

Roles & Responsibilities:

- ➢ Installation and configuration of Linux servers for the new build environment.
- ➢ Network configuration for newly built servers.
- ➢ Configuring and monitoring LVM.
- ➢ Monitoring & troubleshooting performance related issues on the servers.
- ➢ User Management & Administration.
- ➢ File system management.
- ➢ Swap space management.

CERTIFICATION

- ➢ Red Hat Certified System Administrator. RHCSA
- ➢ Red Hat Certified Engineer. RHCE
- ➢ Administration in OpenStack
  Certification no: 150-142-248

AREA OF EXPERTISE

- ➢ DevOps Engineer
- ➢ CloudOps Engineer
- ➢ System Engineer
- ➢ Linux Administrator

- ➢ Microservice Architect
- ➢ Kubernetes Administration
- ➢ Jenkins Administration
- ➢ Automation Engineer

- ➢ Server Management
- ➢ IaC Engineer
- ➢ Docker Deployment
- ➢ CI/CD

EDUCATION

- ➢ **BACHELOR OF ENGINEERING**
  Electronics and Communication Engineering
  Anna University, India