



Lijin Raj.N

Senior Software Engineer

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Results-oriented Senior Software Engineer with hands-on experience in **DevOps, Cloud Infrastructure, and Frontend Development**. Skilled in **AWS, Docker, Kubernetes, Jenkins, and Terraform** for automating deployments and managing scalable systems. Strong background in **ReactJS, JavaScript (ES6+)**, and building cloud-native web applications. Passionate about **CI/CD automation, containerization, and cloud efficiency** to deliver seamless user and deployment experiences.

Technical Skills

- Cloud Technologies **AWS (EC2, S3, IAM, VPC, EKS, ECR)**
- Build Tools **Maven, Gradle, npm, Yarn**
- Container & Orchestration **Docker, Kubernetes, Docker compose**
- Scripting & Automation Shell and **Python**
- Version Control System Git, GitHub
- Configuration Management Ansible
- Infrastructure as Code **Terraform**
- Monitoring & Logging **Prometheus, Grafana, ELK Stack**
- CI/CD Jenkins, **GitHub Actions, GitLab, Argo CD**
- Frontend Technologies **React.js, JavaScript (ES6+), TailwindCSS, REST APIs**

Professional Summary

Wipro Technologies (Optum), Bangalore — *Project Lead*

Mar 2024 - PRESENT

- Streamlined the CI/CD pipeline for Java-based applications using **Gradle**, resulting in a **20%** reduction in build and deployment times.
- Strong experience in **containerization** of **microservices** architecture applications where I have containerized services of 3 development teams.
- Pioneered the **Kubernetes** adoption in the organization which helped the organization achieve **20%** efficiency in terms of cost.
- Implemented **infrastructure as code** for the microservices and the kubernetes infrastructure on AWS.
- Strong experience in AWS and AWS networking such as **VPC, Load Balancing, Compute and IAM**.
- Introduced **version control** best practices with **Git**, improving code **collaboration** and **traceability**. Helped teams with branching strategy and **webhook** configuration.

- Helped in educating the junior devops engineers or other development teams in onboarding Kubernetes by performing **proof of concept**.
- Led knowledge-sharing sessions on **CI/CD** and **automation**, empowering team members to take ownership of their workflows.
- Resolved critical production incidents promptly, maintaining system availability and minimizing business impact.
- Received commendation for resolving critical **AWS VPC** issues, resolving peering problems for a development team.
- Experience working with **Route53** and hosted zones where I have orchestrated the Route 53 and **ALB integration** for custom domain implementation in Kubernetes.
- Mastered **Kubernetes Ingress** and Implementation of Kubernetes Ingress for multiple micro services.
- Setup a terraform remote backend and locking mechanism for the organization using **AWS S3** bucket and **Dynamodb**.
- Experience with terraform remote state management for multiple development teams.

BCT Consulting (Eli Lilly), Bangalore — Senior Software Engineer

Jan 2023 – June 2023

- Collaborated with DevOps engineers to build automated deployment workflows using **GitHub Actions**.
- Implemented environment-based configurations using **AWS S3, CloudFront, and Cognito** to enhance **scalability and security**.
- Optimized code performance and implemented **CI/CD** integration hooks for smoother version delivery.
- Practiced **Git versioning and branching** for collaborative multi-team workflows.
- Developed and maintained **React.js** front-end applications integrated with **AWS Amplify and Lambda** APIs for cloud-hosted deployment.

Prime Focus Technologies, Bangalore — Senior Software Engineer

Sept 2021 – Oct 2022

- Built responsive, **SEO-optimized web applications** using **React.js, Tailwind, and JavaScript (ES6)**.
- Designed and deployed serverless architectures using **AWS Lambda, API Gateway, DynamoDB, and CloudFront**, reducing infrastructure costs.
- Collaborated with backend teams to integrate **Jenkins CI/CD pipelines** for **automated testing and deployment**.
- Containerized development environments using **Docker** for consistent builds across teams.
- **Monitored** and maintained **AWS CloudWatch** logs to improve application reliability and **reduce downtime**.

Dell Technologies (EMC Software Services), Bangalore — Senior Systems Engineer

July 2016 – Feb 2021

- Assisted in configuring and managing **EMC storage arrays**, gaining hands-on exposure to enterprise storage and infrastructure systems.
- Contributed to small-scale web applications using **HTML, CSS, and JavaScript** to **visualize operational metrics**.
- Collaborated with cross-functional teams to support infrastructure maintenance and ensure consistent system availability.

Accenture Services, Bangalore — Technical Consultant

Oct 2012 – July 2016

- Skilled in all presales operations and worked on technical solutions, built proposals that addressed client's current and evolving requirements.
- Creating quotations and answering technical queries for all EMC storage arrays along with their technical specifications.

Projects

Wipro Technologies (Optum), Bangalore — Project Lead

Oct 2024 – Apr 2025

Cloud-Native Microservices Platform on EKS (Kubernetes)

Led migration from monolith to microservices on AWS EKS using Docker and Helm.

- Built CI/CD with Jenkins + Argo CD enabling blue-green/canary releases with <2-min downtime.
- Automated infra provisioning using Terraform (S3 + DynamoDB backend, IAM-driven controls).
- Implemented GitOps workflows, standardized Helm charts, and environment-based deployments.
- Set up centralized monitoring/logging (Prometheus, Grafana, ELK) reducing MTTR by 35%.
- Designed secure networking with ALB, Ingress, and TLS termination for multi-tenant workloads.
- Optimized scaling with HPA and cluster auto-scaling achieving ~25% cost savings.

BCT Consulting (ELI LILLY), Bangalore — Senior Software Engineer

Oct 2024 – Apr 2025

Data Center → AWS Migration & CI/CD Modernization

- Led migration of on-prem monolithic platform to AWS using lift-and-shift + container re-platforming.
- Modernized CI/CD by moving from Jenkins to GitHub Actions with faster parallel builds and automated ECR publishing.

- Built Terraform IaC for multi-AZ VPC, subnets, route tables, and security groups ensuring fully reproducible environments.
- Automated config management and provisioning using Ansible for staging and production.
- Shifted frontend to S3 + CloudFront with Lambda@Edge for routing, headers, and localization.
- Migrated databases using DMS and introduced RDS read replicas to improve availability and reduce latency.
- Achieved ~20% cost reduction with EC2 right-sizing, S3/EBS lifecycle policies, and CI/CD optimizations.
- Delivered DR automation via cross-region snapshots achieving RTO < 15 minutes.

PrimeFocus Technologies, Bangalore — Senior Software Engineer

Dec 2021 – May 2022

- Built a React-based site for streaming and purchasing cricket videos integrated with CLEAR ERP.
- Used AWS Amplify, Lambda, DynamoDB, S3, and CloudFront for a fully serverless, scalable architecture.
- Implemented authentication with Cognito and fast content/search delivery using CloudFront + Elasticsearch.

EDUCATION

- **Bachelor's in computer applications (BCA)**, Berhampur University **2007 - 2010**
- **Pre-University Course (PCMC)**, Rayagada College **2005 - 2007**
- **ICSE Grade X**, Sacred Heart School **2004 - 2005**

HIGHLIGHTS

- Received star of the month award for implementing 20 percent cost reduction using Terraform and Kubernetes.
- Participated and Presented at various local meetups for sharing and learning from the community.