

Abhishek M Dinesh

Experienced Lead DevOps Engineer skilled in infrastructure automation, cloud computing, containerization, and orchestration. Successfully deployed complex applications on AWS, Kubernetes, and Docker. Proficient in CI/CD pipeline development, with strong teamwork and communication abilities. Committed to continuous learning and staying up-to-date with emerging technologies.

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Relevant Experience

Lead DevOps Engineer • IBS Softwares • Bangalore

January 2022 - Present

- Led a team of four in migrating loyalty projects for **Qantas, Air Canada, and Air New Zealand to EKS**.
- Set up EKS infrastructure, configured **Kubernetes** resources, and deployed the loyalty application.
- Acted as the primary liaison for Qantas, Bamboo, and Air New Zealand as DevOps Engineer, managing their **cloud infrastructure**.
- Provided **onsite DevOps support** for Air New Zealand in Auckland during a loyalty app upgrade.
- Integrated **SonarQube** into CI/CD pipelines for code quality analysis and improvement.
- **Architected and deployed CI/CD pipelines** using Jenkins for multiple projects.
- Deployed applications using ArgoCD for automated continuous delivery across environments.
- Managed AWS infrastructure (**EC2, S3, RDS, Lambda**) efficiently.
- Automated EKS node provisioning with **Karpenter** for optimized scaling.
- Utilized **Docker** and **Kubernetes** for deploying **microservices**.
- Automated infrastructure and deployment using **Terraform**.
- Implemented monitoring and logging solutions with **ELK Stack, Grafana, and Prometheus**.
- Collaborated with cross-functional teams to drive process improvements and best practices.

Software Engineer • Hidile LLP • Calicut, Kerala

June 2021 - December 2021

- Developed web applications using React.js, gaining hands-on experience in front-end development.

Selected Projects

Social Distancing Detector

Developed a social distancing detector that uses surveillance cameras to monitor and alert people to maintain safe distances, built with Python, OpenCV, threading, and Firebase.

ToiFi - Toilet finder application

The Toilet Finder app, built with Flutter, helps users easily locate nearby public restrooms using an interactive map with details like cleanliness ratings and accessibility features, with features such as GPS navigation, user reviews, and saved locations.

Skills

Programming Languages

Groovy, Shell script, C#, Python, NodeJS, ReactJS

Tools & Platforms

AWS, Docker, Docker Compose, Kubernetes, Git, Terraform, Karpenter, ArgoCD, Prometheus, ELK Stack, SonarQube

Education

MES College of Engineering

Bachelor of Technology in Computer Science
2017 – 2021