

# Dinesh Kaliyannan

dhanadinesh2004@gmail.com | +91 70107 06650

## CAREER OBJECTIVE

Passionate DevOps Engineer with a problem-solving mindset and a drive for automation, reliability, and scalability. Committed to optimizing development pipelines, enhancing system performance, and ensuring seamless collaboration between development and operations teams ready to contribute anytime, anywhere with dedication and integrity.

## EXPERIENCE

### DEVOPS INTERN | GENERATIVE AI CONSORTIUM

Nov 2024 – Apr 2025 | Remote

- Contributed to optimizing development and deployment pipelines, with a focus on automating repetitive tasks and improving system reliability.
- Assisted in setting up CI/CD pipelines using Jenkins and GitHub Actions, ensuring smooth integration and continuous delivery of applications.
- Gained hands-on experience in cloud environments like AWS EC2, contributing to the deployment and management of cloud-based services.
- Collaborated with senior engineers to troubleshoot and resolve issues, enhancing my expertise in Linux commands and Bash scripting for system-level automation.

## PROJECTS

### DEVOPS PIPELINE AUTOMATION Aug 2025

- Built an automated CI/CD pipeline using Jenkins and GitHub Actions.
- Containerized a Flask app using Docker and deployed on AWS EC2.
- Integrated Prometheus + Grafana for monitoring and alerting.
- Utilized Bash scripting to automate tasks like deployments, backups, and system checks.

### CONTAINERIZING A DJANGO APPLICATION USING DOCKER Apr 2025 – Jun 2025

- Created a Dockerfile to define application dependencies and manage efficient containerization.
- Learned about multi-stage builds to optimize Docker image size and worked with distroless images for enhanced security.
- Used Linux commands for debugging and system optimizations during the containerization process.

## CERTIFICATIONS

- MongoDB Certified Associate Developer (Credly)
- Privacy and Security in Online Social Media – NPTEL
- Design and Implementation of Human-Computer Interfaces – NPTEL

## SKILLS

### PROGRAMMING

Java • SQL  
Bash

### TOOLS

Docker • Kubernetes • GitHub  
Github Actions (Basic) • Jenkins

### DATABASE

MongoDB • MySQL

### OPERATING SYSTEM

Linux • Windows

## EDUCATION

### KONGU ENGINEERING COLLEGE

B.TECH IN AI & MACHINE LEARNING  
Grad. 2026 | Cum. GPA: 7.93

### KONGU MATRIC HR. SEC. SCHOOL

HSC | Grad. 2022 | 89.33%  
SSLC | Grad. 2020 | 97%

## AREA OF INTERESTS

Devops Engineering  
Data Base Management System

## SOFT SKILLS

Adaptability  
Learning Agility  
Collaborative Leadership

## LEADERSHIP

Technical Head, AI Coding Club  
Executive Member, National Service Scheme – KEC

## LINKS

Github:// Dinesh7404  
LinkedIn:// dinesh-k  
Leetcode://dineshk16  
Portfolio:// dinesh-portfolio