

DINESHRAJ DHANAPATHY

+91-9566554100

• dineshrajghanapathy@gmail.com

• Thanjavur, India

<https://www.linkedin.com/in/dineshraj-dhanapathy-25490058> • <https://dev.to/dineshrajghanapathydd>

<https://github.com/dineshrajghanapathyDD>

• <https://medium.com/@dineshrajghanapathy>

• [DD-Website](#)

SUMMARY

I am a Cloud and DevOps enthusiast with expertise in building scalable serverless architectures on AWS using tools like Lambda and DynamoDB. My skills include Java, Python, CI/CD pipelines, and containerisation through Docker and Kubernetes. I actively contribute to AWS community initiatives and have a passion for optimising cloud infrastructures for performance and cost efficiency.

WORK EXPERIENCE

ZUMMIT INFOLABS PRIVATE LIMITED, Bangalore.

Oct 2024 - April 2025

QA Intern.

- Manual testing experience in unit testing, smoke & sanity testing, retesting, and regression testing.
- Applied expertise in SDLC, STLC, and bug life cycle within AGILE to streamline issue tracking and resolution.
- Responsible for writing and executing detailed test cases, identifying and tracking defects, collaborating with development teams to resolve issues, conducting functional, usability, and regression testing, and reviewing requirements to ensure comprehensive test coverage.

TL TECHNOLOGIES PRIVATE LIMITED, Trivandrum.

SEP 2022-JAN 2023

MANUAL & AUTOMATION SOFTWARE ENGINEER.

- Java selenium testing projects like Medical web application systems.
- Effective knowledge in SDLC, STLC, and Bug life cycle in fast-paced AGILE development environments.
- Logging and generating HTML reports using selenium TestNG, and the Maven framework. Integrated Framework to Jenkins and set up various job parameters.
- Good Understanding of Version Control Systems using Git and GitHub. Work experience in process management tools like Jira and Proof Hub.
- verifying that the responses are correct according to the API documentation. Developed and tested REST APIs for functional correctness and stability using tools like Postman and Python scripts.

Existing Project Experience

- Medical web application—worked as automated regression tests using tools like Selenium and integrated test reports into CI/CD workflows.
- Tested end-to-end HR features, including employee onboarding, payroll processing, and leave management.
- Open-source project contribution of BookFlow-APP – Find the Bug and create the issue by using ad hoc testing. (Oct-2023).

EDUCATION

M.E. – Electrical Drives and Embedded Controls

- RVS College of Engineering and Technology, Coimbatore — 2016

B.E. – Electrical and Electronics Engineering

- RVS College of Engineering and Technology, Coimbatore — 2013

ACHIEVEMENTS

- Currently part of the **AWS Community Builders program**, actively contributing to the cloud community through hands-on projects, knowledge sharing, and continuous learning in AWS services, Category - **Dev tools**, and operational best practices.
- Active community member in the **Nextwork** platform, collaborating on real-world cloud and DevOps projects, contributing to knowledge sharing, and continuously learning through hands-on experience and mentorship.

PROJECT EXPERIENCE

CI/CD WEB APPLICATION DEPLOYMENT ON AWS

- Launched and configured EC2 instance with remote SSH via VS Code.
- Built and deployed a Java/Maven web app, integrated with GitHub for version control.
- Secured dependencies using AWS CodeArtifact with IAM roles and policies.
- Implemented CI/CD pipeline using CodeBuild, CodeDeploy, and CodePipeline for automated testing and deployment.
- Designed and deployed infrastructure with AWS CloudFormation (Infrastructure as Code).
- Applied rollback strategy for disaster recovery in production deployments.

Key Skills: AWS EC2, CodePipeline, CodeBuild, CodeDeploy, CodeArtifact, CloudFormation, GitHub, Maven, Java, CI/CD, IaC

PRACTICE LABS

- Practice on kodekloud engineer fictional projects on Data systems Nautilus Naval Division xFusionCorp Industries - https://github.com/dineshrajdhanapathyDD/kodekloud_DevOps_project
 - AWS projects portfolio - [DD AWS Projects](#)
 - Participated in the CNCF-Zero to Merge Program, an open-source contribution program of the Linux Foundation (Sep-2023).
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CERTIFICATIONS & CLOUD LEARNING

- Certified in **Microsoft Azure Fundamentals (AZ-900)** with a strong foundation in core cloud concepts, Azure services, security, governance, and pricing models.
 - **AWS Cloud Practitioner Essentials**—Completed via AWS Skill Builder.
 - **Amazon Q Challenge – Game Development (2025)**
 - Selected for Amazon's Q Challenge; built AI-assisted games using Q Terminal and prompt-driven development workflows.
 - **Preparing for the AWS Certified Cloud Practitioner exam**
 - Active learner through AWS Educate – **Earning Credly badges across cloud fundamentals.**
 - Building foundational knowledge in **AWS services, cloud architecture, billing, security, and compliance** to support real-world cloud and DevOps projects.
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EXPERTISE

Language – java, python.

VCS – Git, GitHub.

Testing tool – Selenium, Postman (API).

Build Tools – Maven, TestNG.

Tracking tool – Jira, proofhub

CI/CD – Jenkins.

DevOps Tools—Docker, kubernetes, Terraform.

Monitoring—Prometheus, grafana, Splunk.

Cloud Platform

- **Cloud Compute:** EC2, Lambda, ECS, EKS
 - **Security, Storage & Databases:** S3, DynamoDB, Secrets Manager
 - **Networking & Access:** API Gateway, IAM
 - **Monitoring & Logs:** CloudWatch
 - **DevOps & Automation:** CodeBuild, CodeDeploy, CodePipeline, CloudFormation
 - **AI & GenAI:** Amazon Q, Amazon Bedrock
 - **AZURE** Cloud Fundamental
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DECLARATION

I hereby declare that all the details furnished are true to the best of my knowledge.

Date:

Dineshraj Dhanapathy

Place: