Badri Narayanan

Cloud and Devops engineer

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LinkedIn | GitHub | Credly

Summary

Cloud & DevOps Engineer with hands-on experience automating cloud deployments and **CI/CD pipelines** using **AWS, Docker, Terraform, and Jenkins**. Built and deployed scalable applications, reducing manual deployment effort by ~60% while improving release reliability. Strong in **Infrastructure as Code** and cloud security, with a focus on efficient, repeatable, production-ready systems**.**

Education

Annamalai University   Chidambaram
B.E. in Computer Science & Engineering   2022 – Present

Experience

UI/UX developer Intern, AIIRF   Chidambaram | may 2024 - June 2024

Designed 3+ user-friendly web interfaces using Figma, improving overall usability. Collaborated with developers to implement the new UI, enhancing the user experience for clients.

MERN Stack Intern, Hitakey Tech Solutions   Tiruchirappalli | may 2025 – June 2025

Built full-stack applications using MongoDB, Express, React, Node.js with RESTful APIs. Dockerized applications and automated deployments, reducing manual deployment effort by ~50%. Worked in a 4-member Agile team, fixing bugs and delivering features within sprint timelines.

Skills

- **Programming:** Python, JavaScript (Node.js, Express, React), Bash, Linux Shell
- **Cloud & DevOps:** AWS (EC2, S3, IAM, code pipeline), Oracle Cloud Infrastructure, CI/CD, Automation, Kubernetes, Jenkins.
- **Containerization & IaC:** Docker, Docker Compose, Terraform.
- **Version Control & Collaboration:** Git, GitHub, VS Code, Agile/Scrum workflows
- **Databases:** MongoDB, MySQL
- **Web & UI/UX:** React.js, Tailwind CSS, Figma, WordPress

Projects / Open-Source

Infrastructure as Code with Terraform (multi-tier app)

Provisioned a secure 3-tier AWS architecture (VPC, ASG, RDS) using modular Terraform code. Implemented remote state storage and locking, preventing concurrent configuration conflicts. Reduced infrastructure setup time from hours to under 10 minutes using IaC automation.

3-Tier Web App CI/CD Pipeline:

Designed an end-to-end CI/CD pipeline using GitHub, Jenkins, Docker, and Terraform. Automated build, test, and deployment stages, increasing deployment frequency by 2×. Reduced manual deployment effort by ~60% while improving release reliability.

Certifications

- Oracle Cloud Infrastructure Foundations Associate - Oracle University (Oracle Corporation).
- Claude with AWS bedrock - Anthropic.
- cloud computing - NPTEL.
- diploma in python programming - computer software college (CSC).
- web designing - Annamalai university.