

# Badri Narayanan

Cloud & Devops engineer

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LinkedIn | GitHub | Credly | Portfolio

## Summary

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Cloud & DevOps Engineer with hands-on experience designing and automating scalable cloud infrastructure using **AWS**, **Docker**, **Terraform**, and **Kubernetes**. Built production-ready CI/CD pipelines, reducing manual deployment effort by 60% and improving release reliability. Strong focus on Infrastructure as Code, container orchestration, and secure cloud architecture..

## Education

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**Annamalai University**  
B.E. in Computer Science & Engineering

Chidambaram  
2022 – Present

## Experience

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**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

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- **Programming:** Python, JavaScript (Node.js, Express.js), Bash, Linux Shell.
- **Cloud & Platforms:** AWS (EC2, S3, EKS, CodePipeline), Oracle Cloud Infrastructure.
- **CI/CD & Infrastructure as Code Tools:** Jenkins, GitHub Actions, AWS CodePipeline, Terraform.
- **Containerization & Orchestration:** Docker, Kubernetes.
- **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

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### Amazon EKS Deployment using Terraform

Wrote Terraform code to provision an Amazon EKS cluster with custom VPC and networking setup. Configured EC2 worker nodes, IAM roles, and security groups for secure access. Used S3 for remote state storage and DynamoDB for state locking to automate infrastructure provisioning.

### CI/CD Pipeline using GitHub Actions

Built a CI/CD pipeline using GitHub Actions to automate build and deployment of a 3-tier web application. Created Docker images and pushed them to Docker Hub. Automated deployment of the containerized application to Amazon EKS.

## Certifications

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- 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.