Dhanush L — DevOps Engineer

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Professional Summary

Results-driven DevOps Engineer with 3+ years of experience in cloud infrastructure, automation, CI/CD pipelines, and container orchestration. Certified Azure DevOps Expert with strong expertise in Kubernetes, Terraform, and Python scripting. Proven ability to reduce deployment times, improve infrastructure reliability, and drive DevOps culture across teams. Passionate about AI-powered automation and site reliability engineering. Hands-on with building scalable and secure cloud-native solutions using Azure, GCP, and open-source tools.

Areas of Expertise

DevOps Strategy • CI/CD Automation • Cloud Infrastructure (Azure, GCP) • Infrastructure as Code (Terraform, ARM) • Kubernetes Docker • Observability Monitoring • Scripting (Python, Bash) • GitOps • Incident Management • AI/ML DevOps

Skills

- **Cloud:** Azure, AWS, GCP, Kubernetes
- **CI/CD:** Azure DevOps, GitHub Actions, Jenkins, Bitbucket
- **Containers:** Docker, Kubernetes, Helm
- **Monitoring:** Prometheus, Grafana, Azure Monitor, New Relic
- **IaC:** Terraform, ARM Templates, Ansible
- **Scripting:** Bash, Python, PowerShell
- **Frontend:** React.js, Node.js
- **GenAI Tools:** Azure OpenAI, LangChain, Ollama, GitHub Copilot, Cursor AI

Work Experience

Valtech India — DevOps Engineer
Bengaluru, India   Oct 2022 – Present

- Delivered DevOps solutions across 4+ global projects, including Linde and Gill Capital, handling end-to-end pipeline automation, infrastructure provisioning, and monitoring.
- Architected and managed scalable CI/CD pipelines with Azure DevOps, integrating with Git, Helm, and App Center; reduced deployment cycle time by 30%.
- Designed and deployed automated infrastructure (Terraform) for multi-environment Azure setups, enabling infrastructure versioning and rapid rollbacks.
- Developed a custom Python-based tool to parse over 50K NGINX logs/hour, identifying malicious bots and flagging anomalies using regex and timestamp-based thresholds.
- Refactored legacy Coveo indexing jobs (Bash + Ant), reducing execution time from 4 hours to under 10 minutes and increasing reliability.
- Built and maintained Jenkins and Bitbucket pipelines for microservices deployed in Dockerized environments.
- Led postmortems and root cause analysis (RCA) for production outages; authored detailed runbooks to reduce Mean Time to Recovery (MTTR).
- Implemented full observability stack: Prometheus, Grafana dashboards, Azure Monitor alerts, and New Relic integrations.

Freelance — Full-Stack Developer
Bengaluru (Remote)   Jan 2022 – Sep 2022

- Built and deployed 5 production-grade web apps using React.js (frontend) and Express.js (backend).
- Deployed GCP Cloud Build CI/CD pipelines; launched apps on App Engine with automatic rollback and monitoring.

Projects

AI RAG App (2025) — GPT-4 + Azure Internal Tool

- Developed a Retrieval-Augmented Generation (RAG) chatbot using Azure OpenAI + Cognitive Search.
- Implemented PDF, DOCX, and ticket parsing → vector store embedding → semantic search with conversational memory.
- Auth via Azure IAM; UI built with React + TypeScript to mimic ChatGPT UX.

SonarQube MCP Server (2025) — Open Source CI Bot

- Built a CI-powered bot server to auto-fix SonarQube violations using LLMs. It detects issues, suggests/apply fixes, raises PRs, and responds to code review feedback.
- Integrated with GitHub API for auto-merge once reviews pass; released as OSS.
- **GitHub:** github.com/dhanushdevops/sonarqube-mcp-server

Certifications

- Azure DevOps Expert (AZ-400) — Feb 2025
- Azure Developer Associate (AZ-204) — Apr 2024
- MACH Certified Developer — Aug 2024
- Google Cloud Fundamentals — Aug 2024

Achievements

- **MACH APAC Winner:** Best Architecture (Global Recognition)
- **Valtech Spark Award:** Innovation + Cross-team Excellence

Education

SSMRV College, Bengaluru, India
Bachelor of Computer Applications (BCA)   Mar 2022
CGPA: 8.7 / 10

Links

GitHub – SloveIT: github.com/dhanush-dev01/SloveIT.git
GitHub – SonarQube MCP: github.com/dhanushdevops/sonarqube-mcp-server
MCP Profile: mcp.so/zh/server/SonarQube/dhanush-dev01