

CHETHAN S.

Cloud Platform Architect | Platform Engineering, Governance & DevOps

chethan@staygeo.com | linkedin.com/in/gischethans | x.com/gischethans | staygeo.com/

Cloud Platform Architect with 14+ years of experience modernizing on-prem workloads and designing scalable cloud platforms. Specializes in CI/CD reference architectures, governance guardrails, and cost-aware cloud operations across enterprise-scale environments. Combines hands-on DevOps expertise with architectural decision-making to build secure, scalable platforms while mentoring teams and aligning engineering practices with ISO 27001:2022 security and compliance requirements.

WORK EXPERIENCE

HEXAGON CAPABILITY CENTER INDIA PVT. LTD., HYDERABAD

Global technology R&D hub for Hexagon AB, a global leader in digital reality solutions

Senior DevOps Lead

JAN 2023 - FEB 2026

- Influenced cloud architecture standards across 10+ Azure subscriptions supporting 200+ engineers and multiple product teams.
- Designed resilient CI/CD reference architecture leveraging Kubernetes job orchestration, container registry caching, and elastic autoscaling build agents, improving pipeline throughput and reducing external dependency failures across multiple product teams.
- Guided on-prem to cloud migration architecture covering private connectivity, RBAC design, Azure Entra identity integration, and environment isolation strategies aligned to least-privilege principles.
- Led technical implementation of cloud migration and platform integration for the OnCall Mobile Field Reporting product, ensuring production readiness, scalability, and operational stability.
- Implemented cloud governance guardrails using policy-as-code (Azure Policy) to control costs, standardize compute SKUs, and enforce consistent platform standards across 10+ Azure subscriptions.
- Partnered with engineering leadership and audit stakeholders to align platform evolution with ISO 27001:2022 controls and compliance expectations.
- Standardized infrastructure provisioning and observability using IaC and cloud-native monitoring, improving deployment consistency and reducing mean time to diagnose CI/CD and production incidents.
- Mentored engineers on CI/CD architecture, Kubernetes deployment patterns, and secure cloud design practices, improving platform adoption and reducing recurring operational escalations across multiple teams.
- Served as a technical escalation point for complex cross-team cloud and DevOps challenges spanning CI/CD pipelines, Kubernetes platforms, and Azure infrastructure.
- Evaluated AI-assisted engineering workflows using GitHub Copilot, ChatGPT, and Gemini to improve developer productivity and engineering problem-solving.

Technical Lead

JAN 2020 - DEC 2022

- Designed and enforced platform security controls, automating Azure SQL firewall management and private connectivity to reduce manual intervention by over 90% while improving isolation and access governance.
- Implemented private connectivity using Azure Private Link and private endpoints to eliminate public exposure of critical cloud workloads.
- Defined scalable Kubernetes deployment patterns, maintaining Helm charts and manifests to support high availability, disaster recovery, and consistent application scaling.
- Re-architected CI execution capacity using elastic autoscaling agents (Azure VMSS), reducing build queue times from 15 minutes to under 2 minutes through on-demand capacity scaling.
- Implemented cost-aware cloud runtime strategies by adopting Spot/preemptible VMs for dev/test workloads and introducing automated spend alerts to prevent uncontrolled resource consumption.
- Standardized DevOps platform governance and auditability by automating permissions reporting and administering core engineering toolchains (Azure DevOps, SonarQube, Black Duck) to enforce least-privilege access.
- Contributed to organizational scale by supporting DevOps hiring and onboarding across Hexagon divisions, helping standardize platform practices as teams expanded.

Software Analyst → Senior Software Analyst → Software Consultant

JULY 2011 - DEC 2019

- Early contributor to DevOps adoption at Hexagon SIG, transitioning from QA to help establish automation and release practices that later formed the foundation for broader CI/CD adoption.
- Standardized build and quality pipelines by onboarding legacy applications to Azure DevOps, introducing containerization and integrating security and quality scans (SonarQube, Black Duck) to improve release consistency.
- Operated and evolved core engineering platforms, supporting toolchain modernization and collaboration workflows while managing virtualization and database environments for multiple product teams.
- Drove platform and process improvements beyond tooling by evaluating new technologies, delivering process training, and contributing UX feedback and documentation to improve cross-team effectiveness.
- Extended influence beyond the immediate team by serving as SPOC for Microsoft Gold Partner certification, authoring technical blogs, delivering internal training, and contributing technical insights to product discussions.

TECHNICAL EXPERTISE

Cloud Architecture & Governance: Multi-subscription cloud environments (Azure), Network segmentation & private connectivity, RBAC modeling, Policy-driven governance, ISO 27001:2022 alignment, Cost-aware cloud design

Platform Engineering & CI/CD Architecture: GitHub Actions, Azure DevOps, Jenkins, Kubernetes-based CI execution patterns, Elastic autoscaling build agents, Container registry strategy

Infrastructure as Code & Automation: Terraform, ARM/Bicep, Ansible, PowerShell, Shell scripting

Containers & Orchestration: Docker, Kubernetes, Helm

Observability & DevSecOps: Cloud-native monitoring (Azure Monitor, Application Insights), Secure SDLC, SonarQube, Synopsys Black Duck

Cost Optimization & Resource Strategy: Compute SKU governance, Spot/preemptible VM segmentation, Monitoring-driven right-sizing, Spend visibility frameworks

AI-Assisted Engineering: GitHub Copilot, ChatGPT, Gemini, OpenAI API experimentation, prompt-driven development workflow

Supporting Technologies: Git, Bitbucket, JIRA, Confluence, VMware ESXi, Hyper-V

VOLUNTEER EXPERIENCE

- Trained over 200 students and faculty in DevOps fundamentals through NASSCOM GCC Skills Development Initiative

EDUCATION

M.Tech, Remote Sensing & GIS

2011

NIT Karnataka

CGPA: 8.76

B.E., Civil Engineering

2009

NMAM Institute of Technology

77.86% (First Class with Distinction)