

SRINIVAS GARISHA

Cloud & Identity Engineer | AWS | Terraform | Entra ID | DevOps Automation

Melbourne, VIC | garishasri@gmail.com | +61 481 233 234 | Australian Permanent Resident | Notice Period: 4 Weeks

IMPACT SNAPSHOT

99.9%

uptime supported across regulated cloud workloads

70%

reduction in manual tasks through automation

50+

RHEL production servers automated and monitored

500+

enterprise customers supported in prior team lead role

IDENTITY DEPTH

- Microsoft Entra ID
- OAuth and OIDC
- App registrations and service principals
- Conditional Access and MFA
- RBAC, JIT, JML workflows
- Hybrid and multi-tenant identity patterns

TOOLING

- Terraform and GitHub Actions
- AWS and Azure
- Microsoft Sentinel and Defender
- Python, Bash, PowerShell
- Ansible and CloudFormation
- Prometheus, Grafana, CloudWatch

Please refer to the additional tooling experience mentioned below in the Technology Coverage section.

EXECUTIVE SUMMARY

Cloud and identity engineer with 7+ years of experience across regulated enterprise, education, and managed infrastructure environments. Known for codifying cloud and identity platforms, strengthening automation-led delivery, and building reliable systems across AWS, Microsoft Entra ID, Terraform, Linux, and CI/CD workflows. Brings hands-on depth across platform engineering, identity architecture, observability, systems operations, and secure-by-default delivery in hybrid and multi-cloud estates.

FIRST IMPRESSION

- Built cloud, identity, and automation capabilities across fintech, trading infrastructure, education, and managed hosting environments.
- Turns infrastructure into versioned, peer-reviewed systems with a strong zero-drift and reliability mindset.
- Balances speed, security, and operational stability by designing platforms that are practical, supportable, and production ready.

SIGNATURE ACHIEVEMENTS

- Designed and implemented Eightcap's Microsoft Entra ID platform entirely through Terraform, moving identity change into peer-reviewed infrastructure as code.
- Built self-service identity provisioning and lifecycle workflows that reduced access turnaround from days to minutes while enforcing least privilege.
- Applied Conditional Access, MFA, risky sign-in response, and privileged access controls through code and integrated those controls into Sentinel and endpoint workflows.
- Migrated organisation-wide CI/CD pipelines to GitHub Actions with automated testing, security scanning, and controlled Terraform delivery.
- Automated production monitoring and system health checks across 50+ RHEL servers in a high-availability trading environment, reducing manual overhead by 75%.
- Led cloud and hosting operations for 500+ enterprise customers while reducing deployment time by 70% through automation and configuration management.

CORE STRENGTHS

Cloud Engineering	Identity Architecture
Terraform & IaC	CI/CD Automation
Linux Operations	Cloud Security
Observability	Platform Reliability

PROFESSIONAL EXPERIENCE

Cloud & DevOps Engineer | **Eightcap** | Melbourne, AU

JUN 2024 - Current

- Own AWS and Azure identity platform engineering, managing cloud infrastructure and Microsoft Entra ID resources through Terraform with peer-reviewed, versioned changes.
- Designed and implemented Entra ID components as code, including app registrations, service principals, enterprise applications, group memberships, Conditional Access policies, and OAuth/OIDC permission scopes.
- Designed IAM reference architecture across role-based access, just-in-time privilege, and joiner/mover/leaver workflows, while building self-service provisioning that reduced request turnaround from days to minutes.
- Applied identity and AWS security controls entirely through code, including MFA enforcement, risky sign-in response, token restrictions, and privileged access guardrails integrated with Microsoft Sentinel and endpoint tooling.
- Built and migrated organisation-wide CI/CD pipelines to GitHub Actions, integrating Terraform deployments, testing, and security scanning while reducing manual operational tasks by 70%.
- Managed cloud infrastructure supporting a regulated trading platform with 99.9% uptime across multi-AZ and multi-region environments, taking end-to-end ownership of architecture, reliability, and cost decisions.

Systems Operations Analyst II | **Intercontinental**

Exchange (NYSE) | Melbourne, AU

AUG 2023 – MAR 2024

- Supported NYSE Trading Pillar systems inside a highly regulated environment where uptime, latency, and correctness were non-negotiable.
- Developed Python and Bash automation for monitoring, backup verification, disk utilisation, and system health across 50+ bare-metal RHEL production servers, reducing manual effort by 75%.
- Performed advanced Linux administration, root-cause analysis, performance tuning, and OS-level troubleshooting across critical production infrastructure.
- Worked through ServiceNow-driven incident, change, and problem processes, and supported disaster recovery drills and continuity planning for mission-critical services.

ICT Specialist | **Department of Education, Victoria** |

Melbourne, AU

FEB 2023 – AUG 2023

- Built hybrid cloud architecture using Terraform and Ansible across AWS and on-premises environments for education workloads.
- Administered IAM policies and security configurations, and automated user provisioning through PowerShell and Bash to reduce onboarding time by 60% across 50+ schools.
- Conducted security assessments aligned to government privacy expectations and provided practical technical guidance to junior team members.

Systems Engineer - Team Lead | **5G Networks /**

Webcentral | Melbourne, AU

FEB 2021 - JAN 2023

- Led a team of 10 engineers in 24x7 operations supporting enterprise hosting environments across AWS, Azure, and VMware for 500+ customers.

- Automated infrastructure provisioning and configuration management with Ansible and Python, reducing deployment time by 70% and eliminating configuration drift across multi-tenant estates.
- Architected and maintained cloud infrastructure with automated monitoring, scaling policies, and cost optimisation across customer-facing services.

ICT Admin Support / System Administrator | St.

Helena Secondary College / Secure Parking |

Melbourne, VIC

SEP 2020 – DEC 2020

- Administered Microsoft 365 services and Windows Server environments, and automated user provisioning with PowerShell to cut manual administration by 50%.
- Deployed operating system patches and software updates through SCCM across 500+ workstations while maintaining 99% system uptime.

TECHNOLOGY COVERAGE

Identity: Microsoft Entra ID, AzureAD Terraform Provider, app registrations, service principals, OAuth/OIDC, Conditional Access, MFA, RBAC, hybrid and multi-tenant identity patterns

Cloud Platforms: AWS EC2, ECS, RDS, VPC, IAM, CloudWatch, CloudFront, Route53, Azure, and working exposure to GCP

IoT and Automation: Terraform, Ansible, CloudFormation, GitHub Actions, Python, Bash, PowerShell, and CI/CD pipeline engineering

Security: AWS Security Hub, GuardDuty, Inspector, Microsoft Sentinel, Defender, identity governance, DevSecOps controls, and platform hardening

Observability: Prometheus, Grafana, Dynatrace, CloudWatch, New Relic, alerting workflows, and production health monitoring

Systems: Linux administration across RHEL, Ubuntu, and CentOS, Windows Server, ITIL change processes, and operational runbook ownership

EDUCATION AND CERTIFICATIONS

- Charles Sturt University | Master's Degree, Information Technology (Networking & Security) | Melbourne, VIC
- JNTUH | Bachelor's Degree, Electronics & Communications Engineering | Hyderabad, India
- Microsoft Certified: Azure Administrator Associate | Sep 2021
- Microsoft Certified: Azure Fundamentals | Oct 2022
- ACS Skill Assessment: ICT Security Specialist (ANZSCO 262112) | Mar 2020
- Australian Computer Society (ACS) - Associate Member | Jan 2020
- cPanel Fundamentals Certified | Jun 2019

SELECTED PROJECT

Ulaa Browser Chocolatey & Homebrew Package | Open Source Contribution | 2024

- Built and maintain an open-source package for the Ulaa browser with automated build, packaging, and release workflows through GitHub Actions.
- Published and supported the project independently, demonstrating practical ownership across release engineering, automation, and developer tooling.
- Architected a declarative GitOps monorepo on K3s, leveraging FluxCD, Helm, and Kustomize to autonomously deploy and reconcile an n8n automation stack from a self-hosted Forgejo repository.

References available on request