

Professional Summary

Cloud and DevOps Engineer with 3+ years of experience designing, automating, and operating scalable cloud-native infrastructure on **Google Cloud Platform** transferrable to AWS and Azure. Proven expertise in **Kubernetes**, **Docker**, **Infrastructure-as-Code** and **CI/CD pipelines** with **Azure DevOps**. Strong foundation in Google cloud compute, storage, networking, security, and observability along 6xGCP certified Professional with a passion about building reliable, automated, and secure platforms that enable rapid, resilient software delivery.

Work Experience

Infosys

Apr 2024 – Jan 2025

Systems Engineer (Cloud & DevOps Focus)

- Streamlined **CI/CD pipelines** for Java-based applications using **Cloud Build** and **Maven**, reducing build and deploy times by 20%.
- Built and managed **Docker** images and deployed containerized microservices on **Google Kubernetes Engine (GKE)**, ensuring scalable and reliable deployments.
- Provisioned and managed **GCP infrastructure** and **Kubernetes clusters** using **Terraform**, improving deployment consistency and reducing manual configuration.
- Applied **IAM best practices** including **service accounts** and **least privilege access** to improve infrastructure security.
- Managed **Helm charts** to package and deploy applications on **GKE**, standardizing Kubernetes configurations and simplifying application releases across environments.
- Configured **Google Cloud Monitoring** and **Grafana** to track **SLIs and SLOs**, collaborating with cross-functional teams to manage error budgets and ensure application availability.
- Led incident response and **post-mortem analysis** to identify the **root cause** of system failures, **collaborating with cross-functional teams** to implement preventive automation that reduced recurring incidents.
- Collaborated with developers and technical leads to coordinate **release management**, ensuring seamless and reliable production deployments.
- Developed automation scripts in **Shell and Python** to streamline operational and maintenance tasks, reducing manual effort by 40%.

Capgemini

Aug 2021 – Oct 2023

Associate II (Cloud & DevOps Focus)

- Built and managed **Docker** images and deployed containerized applications on **Google Kubernetes Engine (GKE)**, improving deployment consistency and scalability.
- Automated infrastructure provisioning and configuration using **Terraform** and **Ansible**, improving scalability, repeatability, and reducing configuration drift.
- Configured **Kubernetes Ingress controllers** and **HTTP(S) Load Balancers** to enable secure and scalable application access.
- Worked with **GCP networking** components including **VPC**, **firewall rules**, and secure service connectivity to ensure system stability and availability.
- Maintained **Terraform remote backend** using **Google Cloud Storage**, ensuring centralized infrastructure state management.
- Automated build and deployment workflows using **CI/CD pipelines** on **Azure DevOps**, improving release efficiency and reducing manual effort.
- Assisted development teams with **Docker containerization** and deployment of applications on **GKE Autopilot**.
- Configured **Cloud DNS** and integrated domain routing with **Load Balancers** and **Kubernetes services**.
- Troubleshoot infrastructure and deployment issues across cloud and Kubernetes environments, ensuring system stability and availability.
- Supported and managed the migration of legacy systems to the GCP cloud environment.
- Maintained **SRE and DevOps runbooks** and project documentation in **Confluence**, improving operational consistency and knowledge sharing.

Technical Skills

Cloud & Deployment: Google Cloud Platform (GCP), Compute Engine, Cloud Run, Cloud Storage, Cloud Functions, VPC Networking, Load Balancers, CDN, Docker, Docker Compose, Docker Swarm, Kubernetes (GKE), Jenkins, CI/CD Pipelines, Azure DevOps, GitHub Actions, GitLab CI, Terraform, Ansible, Helm Charts, Azure, AWS, OCI.

Data & Analysis: BigQuery, Dataflow and Composer.

Tools & Platforms: Git, GitLab, GitHub, Bitbucket, Maven, Jira, PuTTY, WinSCP, Linux/Unix, SonarQube, Artifact Registry, JFrog, IaC, Terraform, Claude Code and GitHub Copilot.

Scripting: Shell, Python, YAML & JSON.

Monitoring & Observability: Cloud Monitoring, Cloud Logging, Cloud Trace, Cloud Profiler, Prometheus, Loki, Kibana, Splunk & Grafana.

Methodologies: Agile, Scrum, Kanban, DevSecOps.

Programming: Java.

Databases: MySQL, Oracle, MongoDB.

Certifications: Google Cloud Professional Cloud Architect, Google Cloud Professional Cloud DevOps Engineer, Google Cloud Professional Security Engineer, Google Cloud Associate Cloud Engineer, Google Cloud Generative AI Leader, Google Cloud Digital Leader.

Personal Projects

Learninx | learninx.site 

Next.js 14 | **GitHub Copilot** | **Claude code** | **GitHub Pages**

- * Built and shipped an end-to-end interactive Linux learning platform that teaches the command line through short lessons, hands-on challenges, and a safe in-browser terminal sandbox. No login, no accounts, no database: progress is tracked in a signed per-browser cookie.

doGood | <http://raveendra11.github.io/doGood-web/>  **Google Kubernetes Engine** | **Cloud Run** | **Cloud SQL** | **GCP**

- * Deployed an end-to-end full-stack web application that aimed at supporting orphan children and elders. The platform is designed to simplify and encourage donations of goods like clothes, food, and books rather than money. Currently, the project is under active development.

Achievements

- **Outstanding Contribution in Delivery** — Awarded by Capgemini Engineering for work with client Hughes. 
- **WOW Award** — Capgemini Engineering recognition for excellence on Hughes engagement. 
- **Red Hat Drive Winner** — Infosys Red Hat Ascend Skills Network drive winner for completing the most certification badges. 

Education

University of South Dakota

Jan 2025 – May 2026

Master of Science in Computer Science | *GPA: 3.9/4*

United States

Audisankara Institute of Technology

2015 – 2019

Bachelor of Technology in Computer Science & Engineering | *GPA: 7.01/10*

India