Cristian R.
Senior Senior Cloud Infrastructure Engineer

SUMMARY

- Over 9 years in DevOps and 14 years in IT, leading cloud infrastructure and SRE initiatives across AWS, GCP, Azure, and multicloud environments.
- Expertise in Kubernetes, Terraform, Ansible, Docker, CI/CD pipelines, and cloud migrations, including large-scale legacy app transitions.
- Proficient in Python, JavaScript, NodeJS, and automation scripting, driving cost optimization and deployment acceleration.
- Skilled in observability and monitoring tools like Datadog, New Relic, Splunk, and Prometheus to enhance reliability and incident response.
- Certified AWS and GCP professional with strong leadership in Agile, DevSecOps, GitOps, and infrastructure as code best practices.

TECHNICAL SKILLS

Main Technical Skills	AWS, GCP, Azure, Kubernetes, Terraform
AI Tools & Assistants	CoPilot, GitHub Copilot
Programming Languages	C#, Go, Java, JavaScript, PHP, Python, TypeScript
AI & Machine Learning	AI, CoPilot, Kubeflow
JavaScript Frameworks	Angular, AngularJS, NestJS, Node.js, React, Vue.js
Java Libraries and Tools	Dagger2
Mobile Frameworks and Libraries	Dagger2
Python Frameworks	Django, Flask
.NET Platform	.NET
JavaScript Libraries and Tools	NPM
Java Frameworks	Spring
Security	AWS Security Groups, IAM, Sentinel
Data Analysis and Visualization Technologies	ETL, Google Analytics, GTM, Kibana, ML, Power BI, Tableau
Databases & Management Systems / ORM	Elasticsearch, NoSQL, Oracle Database, PostgreSQL, SQL
UI Frameworks, Libraries, and Browsers	Bootstrap

Cloud Platforms, Services & Computing	AWS, Azure, CloudFlare, GCP, Oracle OCI, PagerDuty
Azure Cloud Services	AKS, Azure Blueprints, Azure DevOps, Azure PaaS, Hyper-V
Amazon Web Services	AWS API Gateway, AWS CDK, AWS Cloudformation, AWS CloudFront, AWS EC2, AWS ECR, AWS ECS (Amazon Elastic Container Service), AWS Elastic Kubernetes Service (EKS), AWS Quicksight, AWS S3, AWS Security Groups, AWS Shield
Google Cloud Platform	Google BigQuery, Google Kubernetes Engine (GKE)
Industry Domain Experience	SAAS
Methodologies, Paradigms and Patterns	Agile, IaC, Kanban, SAFe, Scrum, SDLC
Deployment, CI/CD & Administration	Ansible, ArgoCD, CI/CD, CircleCI, Drone.io, FluxCD, GitOps, Gradle, Hashicorp, Helm, istio, Jenkins, KOPS, New Relic, Puppet, SonarQube
QA, Test Automation, Security	Apache Maven, JMeter, Selenium, TestFlight
Collaboration, Task & Issue Tracking	Atlassian, Atlassian Confluence, Jira, Slack
SDK / API and Integrations	AWS API Gateway, Mulesoft
Scripting and Command Line Interfaces	Bash, PowerShell
Version Control	BitBucket, Git, GitHub, Github Actions, GitLab, Nexus
Mail / Network Protocols / Data transfer	CDN, Consul
Platforms	Citrix, Dynatrace, ESB, Red Hat OpenShift Container Platform
Logging and Monitoring	Datadog, Grafana, Logstash, Nagios, Prometheus, Sentry, Splunk, Sysdig
Virtualization, Containers and Orchestration	Docker, Kubernetes, Packer, Terraform, VmWare
UI/UX/Wireframing	InDesign, Marvel
Web/App Servers, Middleware	Internet Information Services (IIS), Windows Server
Message/Queue/Task Brokers	Kafka
Operating Systems	Red Hat Enterprise Linux, RHEL (Red Hat Enterprise Linux), Unix
iOS Libraries and Tools	TestFlight
Other Technical Skills	

	Anthos, Argo, Blazemeter, CKA, COBIT, CodeCommit, Coralogix, Google Cloud Apigee, Google Kubernetes Engine, H2O.ai, HA/DR, Harness, IaaS, Icinga2, Looker, Mongo Atlas, Oracle Exadata, OS, OSB-SOA, RDS, RunDeck, Sonarcloud, StrongDM, Veracode

WORK EXPERIENCE

Site Reliability Engineering Manager, Capgemini

Duration: June 2024 - Present

Site Reliability Engineering Manager, Site Reliability Engineer - SRE Avengers Team

Duration: Apr. 2026 - Aug. 2026

Summary: Led the setup and management of the InDesign Server platform for McGraw Hill, focusing on infrastructure automation, security, and monitoring to support print content workflows and seasonal capacity planning.

Responsibilities:

- Led end-to-end lifecycle setup of the InDesign Server platform across non-production and production environments.
- Designed and implemented S3 bucket strategies for data pipelines supporting print content workflows.
- Deployed and configured Datadog agents for infrastructure monitoring and application log ingestion.
- Led seasonal capacity planning for critical ECS/EKS services, authoring data-driven readiness reports.
- Remediated AWS Shield Advanced security findings across multiple product portfolios.
- Planned and executed EKS cluster upgrades and AMI rotations.
- Investigated and resolved production incidents and led root-cause analysis.
- Supported cross-team infrastructure requests and reviewed monitoring dashboards.
- Authored internal AI-cost-optimization articles and contributed to Copilot onboarding initiatives.

Technologies: AWS (ECS, EKS, EC2, S3, CloudFront, RDS, Shield Advanced, IAM), Kubernetes, Terraform, Datadog, Windows Server (InDesign), IIS, Cloudflare, GCP, Node.js, GitHub.

Site Reliability Engineering Manager, NDA

Duration: June 2024 - Present

Summary: Driving high-velocity changes and feature launches in a multicloud hybrid environment, focusing on service stability, resilience, automation, and migration of legacy applications to AWS.

Responsibilities:

- Embedded in operations team to enable rapid changes without compromising service stability.
- Created resilience blueprints and patterns for engineering teams.
- Shifted operational dependencies left into automated CICD/DevSecOps pipelines.

- Established visibility into error budget consumption and service reliability impact.
- Enabled AIOPS-enriched self-healing automation and incident orchestration.
- Architected and executed migration of 58 legacy production apps from Rackspace Cloud to AWS.
- Leveraged data and analytics for strategic decision-making on releases and operations.

Technologies: AWS, AZURE, IBM, Docker, Kubernetes, ArgoCD, GitHub, OpenShift, RHEL, Dynatrace, EKS, AKS, Ansible, Terraform, Python, Shell Scripting, Artifactory, Jira, Confluence.

Sr. DevOps Engineer, Xoriant (Anaplan Platform)

Duration: Oct. 2023 - Jul. 2024

Summary: Enabled multicloud Kubernetes deployments and automated incident management to optimize cloud infrastructure and increase release speed for enterprise clients.

Responsibilities:

- Enabled multicloud Kubernetes deployments for production pipelines using Harness, Terraform, and F5 GTM.
- Automated 30 PagerDuty alerts using Python and Rundeck, reducing manual on-call overhead.
- Achieved 35% cloud cost reduction through best practices and rightsizing.
- Managed over 500 Kubernetes clusters with Terraform and Chef globally.
- Increased release speed by 25% by automating manual processes with Harness and Jenkins.
- Developed Grafana and Splunk dashboards with notification and alert policies.

Technologies: AWS, GCP, AZURE, VMware, Harness, Terraform, Ansible, Kubernetes, Docker, Grafana, Splunk, Rundeck, Icinga2, PagerDuty, F5, AWS CDK.

Sr. DevOps Engineer, Wizeline

Duration: May 2023 - Oct. 2023

Summary: Provided architecture design and validation for large-scale companies, focusing on high availability, disaster recovery, and migration consulting in multi-cloud environments.

Responsibilities:

- Designed and validated architecture for large-scale companies.
- Designed HA/DR solutions for multi-cloud environments.
- Implemented Azure DevOps pipelines for a newspaper media client.
- Defined code release strategies and SDLC best practices.
- Provided migration consulting for Oracle cloud clients.

Technologies: AWS, Azure, Azure DevOps, Terraform, Kubernetes, Docker, CICD.

Sr. DevOps Engineer, Mouritech (SoulCycle.com)

Duration: Dec. 2021 - Jul. 2024

Summary: Architected platform migration from monolithic to microservices architecture, improved deployment efficiency, and maintained PCI compliance for SaaS applications.

Responsibilities:

- Reduced deployment time from 4 hours to 30 minutes using GitHub Copilot.
- Architected migration of legacy monolithic apps to microservices.
- Developed enhanced Datadog dashboards with alert policies.
- Maintained PCI Compliance standards for audits.
- Upgraded EKS clusters and migrated CloudFormation stacks to Terraform Cloud.
- Implemented Transit Gateway between AWS and GCP, improving network performance by 45%.

Technologies: AWS, GCP, GitHub Actions, Copilot, Terraform, Ansible, Packer, AWS CDK, ArgoCD, Kubernetes, Docker, Datadog, PagerDuty, Slack, NodeJS, React.

Sr. DevOps Engineer, Globant (Disney Media & Entertainment Distribution)

Duration: Mar. 2021 - May 2023

Summary: Led DevOps efforts for media distribution, including migration to AWS CloudFront, modernization of legacy apps, and operational support for critical pipelines.

Responsibilities:

- Maintained and updated AWS core services aligned with Well-Architected Framework.
- Architected migration from on-prem and Limelight CDN to AWS CloudFront with Multi-Region HA.
- Executed migration of 58 legacy production apps from Rackspace Cloud to AWS.
- Developed New Relic dashboards with alert policies.
- Led DevOps Marvel team supporting Marvel and National Geographic pipelines.
- Dockerized 25+ legacy apps and created automated GitLab CI/CD pipelines.

Technologies: AWS, Rackspace, GitHub, GitLab, Atlassian, NodeJS, Terraform, Ansible, Packer, Kubernetes, Docker, TeamCity, NewRelic, Nagios, Limelight Edgio, Shell Scripting, PagerDuty.

Sr. DevOps Engineer, X-Team (AutoML Platform)

Duration: Jan. 2021 - Jan. 2022

Summary: Deployed AutoML Kubernetes pipelines for production, optimized AWS costs, and implemented zero-downtime deployments using canary releases.

Responsibilities:

- Deployed AutoML Kubernetes pipelines using Kubeflow and H2O.ai.
- Automated notifications and monitoring for ML instances and clusters.
- Achieved 50% cost reduction on AWS through optimization.
- Implemented Flagger canary releases with Argo CD for zero-downtime deployments.
- Implemented Infrastructure as Code using Ansible, Terraform Cloud, and Packer.

Technologies: AWS, GitHub, Terraform, Ansible, Packer, ArgoCD, Kubernetes, Docker, Kubeflow, H2O.ai, Datadog, Splunk, Looker, StrongDM, Sentry, Slack.

Sr. DevOps Engineer, Globant

Duration: Jan. 2021 - Jun. 2023

Summary: Led DevOps architecture and engineering efforts across multiple enterprise client engagements, defining standards and providing knowledge transfer.

Responsibilities:

- Led DevOps architecture and engineering efforts across multiple enterprise clients.
- Defined and enforced DevOps standards, CI/CD patterns, and operational readiness frameworks.
- Provided monthly knowledge transfer sessions to close technology gaps across distributed teams.

Sr. DevOps Engineer, DigitalOnUs

Duration: Jun. 2020 - Jan. 2021

Summary: Managed migration of physical servers to Azure, provisioned Azure Landing Zones, improved CICD pipelines, and led governance and cost-saving strategies for Azure projects.

Responsibilities:

- Migrated 500 physical servers from on-premise to Azure.
- Managed multiple products including fees development and change controls.
- Provisioned Azure Landing Zones using Terraform Cloud.
- Improved CICD pipelines with Azure DevOps, reducing deployment time by 70%.
- Led design of Foundations, Governance, Accounting, and Cost Saving strategies.
- Created and reviewed solutions and estimates for data center migration.
- Deployed disaster recovery site sync with multi-region strategy.

Technologies: Azure, Azure DevOps, Terraform Cloud, Sentinel Policies, Enterprise TFC Modules, Jira, Docker, Kubernetes, Azure Blueprints, Disaster Recovery, PowerShell, Azure PaaS, IaaS.

Sr. DevOps Tech Lead, SCREENIT

Duration: Jul. 2018 - Jun. 2020

Sr. DevOps Tech Lead, Lead Generation Platform

Duration: Nov. 2019 - Jun. 2020

Summary: Led migration and modernization of lead generation software, improving recruitment efficiency and implementing multi-cloud microservices architecture with zero-downtime deployments.

Responsibilities:

- Led migration of lead generation software, improving recruitment efficiency by 40%.
- Migrated 4 monolithic legacy systems to microservices architecture.
- Reduced deployment time by 50% through full CICD pipeline automation.
- Implemented zero-downtime releases using Canary deployment with Istio and Flagger.
- Designed and architected multi-cloud solution with GKE under Anthos implementation.

Technologies: AWS, GCP, AZURE, Confluence, Jira, Bitbucket, Docker, Kubernetes, Helm, FluxCD, Istio, Flagger, Angular, Django, PostgreSQL, Terraform, ELK, MuleSoft, Kafka, NodeJS.

Sr. DevOps Tech Lead, MMLaFleur Project

Duration: Jul. 2018 - Nov. 2020

Summary: Provided technical consulting and led development teams for multiple large-scale SaaS products, implementing Google Anthos with Istio for microservices and managing global multi-region Kubernetes operations.

Responsibilities:

- Provided tech consulting services for non-tech businesses, increasing client revenue by 5%.
- Led and managed a team of 5 developers across 3 large-scale products.
- Decided tech stack and managed cross-functional teams up to 7 people.
- Implemented Google Anthos with Istio as a service mesh for microservices architecture.
- Operated GKE Framework as a self-service operation on a Global Multi-Region strategy.

Technologies: AWS, GitHub, Chef, CloudFormation, Terraform, FluxCD, Jenkins, ECR, Helm, EKS, DataDog, PagerDuty, Slack, PHP, NodeJS, ReactJS, Python, Tableau, NewRelic, Istio, Flagger, GKE, Kafka.

Sr. DevOps Engineer, Palo IT

Duration: Jan. 2018 - Oct. 2019

Summary: Delivered testing projects with zero variance, automated processes to reduce cycle time, cut infrastructure costs, and implemented DevOps lifecycle and culture for financial sector clients.

Responsibilities:

- Delivered 3 testing projects meeting all requirements with zero schedule or cost variance.
- Reduced project cycle time by 50% through autonomous process automation.
- Reduced infrastructure costs by over 20% by revamping deployments and auto-scaling.
- Developed 200 Ansible playbooks for infrastructure management.
- Implemented DevOps lifecycle and culture with 3 financial sector clients.

Technologies: Confluence, Jira, Gitlab Enterprise, Docker, Jenkins, Maven, Nexus, Citrix, VMware, AWS, EKS, JavaSpring, NodeJS, JavaScript, Selenium, Python, ApiGee, JMeter, BlazeMeter, ELK, Grafana, Prometheus, SysDig, Ansible.

DevOps Engineer, Charkoon AI Assistants

Duration: May 2018 - Oct. 2018

Summary: Created automation solutions and monitoring systems to support platform stability and scalability for AI assistant services.

Responsibilities:

- Created automation solutions adopted by development and operations teams.
- Implemented monitoring systems with team alerting channels.
- Automated infrastructure creation with auto-scaling to support message volume growth.
- Improved CI/CD, databases, cloud services, container orchestration, and monitoring infrastructure.
- Responsible for platform stability, uptime, and internal automation tools development.

Technologies: GitHub, AWS, GCP, Rancher OS, Kubernetes, Docker, Drone.io, Consul, Terraform, BigQuery, Mongo Atlas, RDS, Sysdig, Tableau, DataDog, BlazeMeter.

IT Manager, Brooks Financial Services

Duration: Jan. 2010 - Mar. 2017

Summary: Managed IT infrastructure, developed enterprise applications, and implemented security standards to ensure data integrity and system availability.

Responsibilities:

- Ensured network, system, and data availability and integrity through maintenance and upgrades.
- Built applications supporting migration from client-server to enterprise architectures.
- Implemented company policies, technical procedures, and security standards.
- Developed complex Internet and Intranet applications across multiple platforms.
- Recommended network security standards and architectural improvements.
- Managed firewall, network monitoring, and server monitoring on- and off-site.

Technologies: C#, Bash, Unix, Windows Server, Maven, COBIT-ITIL, IT-Security, CITRIX, VMware, Docker, SOA, MuleSoft ESB, Oracle 11g, Oracle ExaData, Hyper-V, OpenShift, SpringCloud.

CERTIFICATION

- **HashiCorp Certified: Terraform Associate (003)**
  October 2024
- **Google Cloud Certified Professional Cloud DevOps Engineer**
  September 2024
- **AWS Certified DevOps Engineer — Professional**
  September 2024
- **Google Cloud Certified Professional Cloud Architect**
  May 2023
- **AWS Certified Solutions Architect — Professional**
  May 2023
- **Oracle Cloud Database 2023 Migration and Integration Certified Professional**
  September 2023
- **Certified Ethical Hacker (CEH)**
  Udemy
  2022
- **Certified Kubernetes Administrator (CKA)**
  Whizlabs
  2022
- **Docker Certified Associate (DCA)**
  Whizlabs
  2022
- **HashiCorp Certified Terraform Associate**
  Whizlabs
  2022
- **Safe DevOps 5.1 Practitioner**
  Scaled Agile
  2022

- **GitOps Fundamentals**
  Codefresh
  2021
- **GitLab Certified Git Associate**
  GitLab
  2021
- **Splunk 7.x Fundamentals & Infrastructure**
  Splunk
  2021
- **Architecting with Google Kubernetes Engine Specialization**
  Coursera
  2021
- **Architecting with Google Compute Engine Specialization**
  Coursera
  2021
- **Reliable Google Cloud Infrastructure: Design and Process**
  Coursera
  2021
- **AWS Certified DevOps**
  Udemy
  2020
- **DevOps Kubernetes by kops and Terraform**
  Udemy
  2019