

André T.

Senior DevOps Platform Architecture

SUMMARY

- 10+ years in software engineering, DevOps, platform engineering, and solutions architecture, including 4+ years delivering AI-assisted workflows and platforms.
- Extensive AWS and Azure experience with Kubernetes, Terraform, CloudFormation, GitHub Actions, and multi-account/multi-region environments.
- Built RAG and MCP-based AI workflows with human-in-the-loop review, AI-assisted infrastructure review, and AI-powered SaaS features.
- Led cloud migrations, platform architecture, workshops, and cross-functional engineering initiatives for SaaS and enterprise clients.
- Experience with SRE, security controls, compliance environments, architecture governance, and build/deployment automation.

TECHNICAL SKILLS

Main Technical Skills	Kubernetes, Terraform, GitOps, AWS, Azure
Programming Languages	Python
AI & Machine Learning	AI, RAG
JavaScript Frameworks	Node.js, React
Security	Snyk, SOPS (Secrets OPerationS)
Databases & Management Systems / ORM	PostgreSQL, Redis, SQL, Supabase
Cloud Platforms, Services & Computing	AWS, Azure, DigitalOcean, GCP, PagerDuty, Serverless
Azure Cloud Services	AKS, Azure Application Insights, Azure Arm templates, Azure Cloud Functions, Azure DevOps
Amazon Web Services	AWS CDK, AWS Cloudformation, AWS CloudWatch, AWS Cognito, AWS ECS (Amazon Elastic Container Service), AWS Elastic Kubernetes Service (EKS), AWS Lambda, AWS S3, AWS SQS
Google Cloud Platform	GCP Compute Instance, Google Kubernetes Engine (GKE)
Methodologies, Paradigms and Patterns	Agile, POC
Web/App Servers, Middleware	Apache HTTP Server, Nginx
SDK / API and Integrations	API, MCP, OpenTelemetry

Deployment, CI/CD & Administration	ArgoCD, Azure Arm templates, CI/CD, Flux, GitLab CI, GitOps, Helm, Jenkins, loki, Travis CI
Scripting and Command Line Interfaces	Bash
Virtualization, Containers and Orchestration	Docker, Kubernetes, Terraform
Version Control	Github Actions
QA, Test Automation, Security	Golden Tests
Logging and Monitoring	Grafana, Prometheus, Sentry
Operating Systems	Linux, Windows
Platforms	Microsoft
Project Management & Administration	Scrum Master, SLAs
Collaboration, Task & Issue Tracking	Tempo
Other Technical Skills	ADR, AI workflows, ARC42, C4 Model, Claude Code, CoE, DAST, Gitlab Runner, IBM Cloud, OKD, PGVector, RCA, RDS, SAST, SLO/SLI, SRE, VM

WORK EXPERIENCE

AI DevOps Platform Architect Consultant, [arqui.dev](#) (AI-assisted multi-cloud platform engineering)

Duration: June 2021 - Present

Summary: Provided platform engineering, cloud, solutions architecture, and SRE services with a focus on AI-assisted autonomous operations. Delivered multi-tenant platforms and integrated AI agents to reduce MTTD/MTTR and developer cognitive load for various clients.

Responsibilities:

- Delivered a multi-tenant platform for a Creator Economy SaaS client with multiple AWS accounts and EKS clusters.
- Built RAG and MCP-based AI workflows with human-in-the-loop review for PR and RCA drafting.
- Designed a 6-phase AI architecture and built production Claude Code skills for infrastructure review.
- Authored arc42 platform architecture and 69 formal ADRs across 17 service repositories using multi-agent AI workflows.
- Deployed and managed Kubernetes clusters (EKS, AKS, GKE, OKD) across AWS, Azure, and GCP.
- Built CI/CD pipelines and defined SRE practices including SLOs/SLIs and runbooks.
- Maintained production systems on AWS and GCP container and serverless platforms.
- Built SaaS prototypes on Supabase with AI-powered features.



Technologies: AWS, Azure, GCP, Kubernetes (EKS, AKS, GKE, OKD), Terraform, Helm, ArgoCD, Karpenter, OpenTelemetry, Prometheus, Grafana, Loki, Tempo, PagerDuty, Supabase, PGVector, Python, Bash, Node.js.

DevOps Team Lead, LetsGetChecked (Multi-tenant platform migration and optimization)

Duration: June 2024 - January 2026

Summary: Led the migration from Azure VMs to AWS, designing and deploying a multi-tenant platform with multiple EKS clusters across accounts and regions. The project aimed to improve infrastructure scalability, security, and cost efficiency for LetsGetChecked, a health testing and diagnostics company.

Responsibilities:

- Led migration from Azure VMs to AWS with Terraform provisioning.
- Provisioned resources across 8 EKS clusters in 4 accounts spanning two regions.
- Executed Linux and Windows VM security patching and created Golden Images.
- Built 20+ reusable Terraform modules reducing provisioning SLAs and eliminating configuration drift.
- Migrated Terraform pipelines from Jenkins to GitHub Actions and piloted ArgoCD for zero-downtime canary releases.
- Utilized AI coding tools for development and documentation.
- Implemented cost optimization measures including S3 lifecycle policies and reserved-instance reviews.
- Transitioned ingress controllers and introduced cost-center tagging.

Technologies: AWS, Azure, Terraform, EKS, RDS, SQS, CloudWatch, Cognito, Jenkins, GitHub Actions, ArgoCD, Linux, Windows, S3, NGINX Ingress, Kong Ingress, AI coding tools.

DevOps Architect, Engineering Manager (Center of Excellence Lead), Foxbox

Duration: May 2021 - Jun. 2024

Engineering Manager (Center of Excellence Lead), DevOps, Architecture, and Engineering CoE leadership

Duration: Jan. 2023 - Jun. 2024

Summary: Led the DevOps, Architecture, and Engineering Center of Excellence team, driving deployment and platform engineering for a product serving multiple client accounts. The project focused on improving deployment frequency, team satisfaction, and adoption of AI-assisted development practices.

Responsibilities:

- Led a team of 20+ engineers and architects, defining OKRs and roadmaps.
- Drove 250+ deployments of a product with multiple frontends, APIs, and Lambdas across 33 client accounts.
- Mentored development teams on EKS usage and migration best practices.
- Designed microservices platforms and authored Terraform modules.
- Adopted AI coding and design assistants for software development acceleration.
- Conducted remote workshops using C4 model diagrams and ADR templates.
- Mentored teams on Kubernetes, Docker, ArgoCD, serverless functions, and microservices patterns.



- Managed performance reviews and career planning.

Technologies: Kubernetes (EKS), Terraform, Node.js, Python, Helm, Docker, ArgoCD, AI coding assistants.

DevOps Architect, DevOps solutions delivery and migration

Duration: May 2021 - Jan. 2023

Summary: Delivered DevOps solutions for over 15 clients, focusing on containerization, Kubernetes migrations, and CI/CD pipeline automation. The project aimed to modernize legacy infrastructure and improve deployment automation and security integration.

Responsibilities:

- Containerized applications on EKS, GKE, AKS, OKD, and DigitalOcean.
- Migrated legacy VMs to Kubernetes.
- Established Flux and ArgoCD workflows for declarative infrastructure deployments.
- Configured and maintained GitLab CI self-hosted runners on GCP.
- Automated pipelines using GitHub Actions, GitLab CI, and Azure DevOps.
- Integrated SAST/DAST tooling (Snyk, GitLab CI) for security checks.
- Conducted hands-on workshops on Terraform, Kubernetes, and CI/CD best practices.

Technologies: Kubernetes (EKS, GKE, AKS, OKD), DigitalOcean, Flux, ArgoCD, GitLab CI, GitHub Actions, Azure DevOps, Snyk, Terraform, GCP.

DevOps Solutions Architect, Ambev (Agile architecture and POC platform delivery)

Duration: Oct. 2019 - Nov. 2021

Summary: Defined Agile Architecture standards and delivered proof-of-concept platforms to validate high-availability patterns for critical MarTech services at Ambev, a major beverage company in Brazil.

Responsibilities:

- Defined Agile Architecture standards and hosted Solutions Architecture Forums.
- Designed and delivered POC platforms using Terraform and CloudFormation.
- Mentored squads on SRE and DevOps fundamentals, embedding post-mortems, SOPs, and automated workflows.

Technologies: Terraform, CloudFormation, Agile Architecture, SRE practices.

Fullstack Developer Mentor, Udacity (Full-Stack Nanodegree mentorship and beta testing)

Duration: Dec. 2018 - Aug. 2019

Summary: Mentored students in Full-Stack Nanodegree programs, providing guidance on Node.js, React, and SQL modules. Beta-tested DevOps Cloud Engineer and Cloud Developer Nanodegree content to improve course quality.

Responsibilities:

- Guided students through coding modules with code reviews and debugging assistance.



- Provided career advice and mentorship.
- Beta-tested course content influencing improvements.

Technologies: Node.js, React, SQL, DevOps Cloud Engineer content.

IT Business Analyst, Software Engineer, IBM

Duration: May 2016 - Oct. 2019

Software Engineer, ERP integration and frontend/backend development)

Duration: 2017 - 2019

Summary: Led a team developing React.js frontends and Node.js APIs integrated with a mainframe ERP system on IBM Cloud, managing CI pipelines and coaching junior developers.

Responsibilities:

- Led frontend and backend development team.
- Managed CI pipelines using TravisCI.
- Coached junior developers on design patterns, code reviews, and cloud deployment workflows.

Technologies: React.js, Node.js, IBM Cloud, TravisCI.

IT Business Analyst, Business requirements and technical product ownership

Duration: 2016 - 2018

Summary: Collected business requirements and authored user stories for multiple systems. Acted as technical product owner for a new Inventory web app, managing support and compliance documentation.

Responsibilities:

- Collected requirements and authored user stories for Order, Shipment, Inventory, and Catalog systems.
- Collaborated on solution architecture documents.
- Acted as technical PO coordinating 24/7 L3 support and incident management.
- Maintained audit control documentation and facilitated compliance audits.

EDUCATION

• MBA in Software Engineering with AI

Full Cycle

July 2025 - end of 2026

• MBA in Project Management

USP

2019 - 2022

• Associate in IT Management

UNIP

2017 - 2019



- **Bachelor of Computer Science (unfinished)**
UFLA
2012 - 2015
- **Computer Engineering (unfinished)**
UNIVESP
2018 - 2022

CERTIFICATION

- **PM3 Product Specialist**
July 2026
- **GitOps at Scale**
2025
- **Full Stack Web Developer Nanodegree**
Udacity
2018
- **Aviatrix Certified Engineer - Multi-Cloud Network Associate**
2021
- **Nutanix Certified Associate 5**
2022
- **Microsoft Certified: Azure Fundamentals**
2020
- **Hybrid Cloud Engineer Nanodegree**
Udacity
- **IBM Garage Method for Cloud Advocate**
2020
- **Software Architecture Foundations**
LinkedIn
2021
- **IBM Blockchain Consulting**
2017
- **IBM Design Thinking Practitioner**
2016
- **IBM Agile Champion**
2016
- **Scrum Master & Product Owner Accredited Certification**
SCRUM Institute
2016

