João B.
Senior Senior DevOps Engineer & Cloud Architect

SUMMARY

- Senior Azure DevOps Engineer & Cloud Architect with 10+ years in scalable Azure infrastructure, CI/CD pipelines, and multi-cloud environments (Azure, AWS).
- Expertise in IaC (Terraform, Bicep, ARM), Kubernetes (AKS/EKS), GitOps (ArgoCD), and containerization (Docker, Helm).
- Skilled in reducing release cycles from weekly to daily and cutting cloud costs by 40% through FinOps and autoscaling (KEDA).
- Background in observability using Prometheus, Grafana, ELK, Azure Monitor, and Datadog, with incident runbooks and SRE practices.
- Experience in automation (Bash, PowerShell, Python, Go) and secure infrastructure delivery in B2B and enterprise settings.

TECHNICAL SKILLS

Main Technical Skills	AWS, Azure
AI Tools & Assistants	GitHub Copilot
Programming Languages	C#, Go, JavaScript, Python
AI & Machine Learning	AI, AI/ML, GenAI
.NET Platform	ASP.NET MVC, .NET
JavaScript Frameworks	React
Data Analysis and Visualization Technologies	Kibana
Databases & Management Systems / ORM	AVRO, Elasticsearch, ELK stack (Elasticsearch, Logstash, Kibana), Microsoft SQL Server, Oracle Database, SQL
UI Frameworks, Libraries, and Browsers	UI
Cloud Platforms, Services & Computing	ARM (Azure Resource Manager), AWS, Azure
Azure Cloud Services	AKS, Azure Arm templates, Azure DevOps, Azure infrastructure, Azure Key Vault, Azure Monitor, Azure Pipelines
Amazon Web Services	AWS API Gateway, AWS CloudWatch, AWS Elastic Kubernetes Service, AWS Elastic Kubernetes Service (EKS)
Web/App Servers, Middleware	Apache Kafka

SDK / API and Integrations	API, Api Gateway, AWS API Gateway, Web API
Deployment, CI/CD & Administration	ArgoCD, Azure Arm templates, CI/CD, GitOps, Helm, KEDA
Logging and Monitoring	Azure Monitor, Datadog, Grafana, Logstash, Prometheus
Scripting and Command Line Interfaces	Bash, PowerShell, YAML
Mail / Network Protocols / Data transfer	Cisco
Methodologies, Paradigms and Patterns	DDD, IaC, ITIL, TDD
Operating Systems	Debian, Linux
Virtualization, Containers and Orchestration	Docker, Kubernetes, Terraform
Version Control	GitHub, Github Actions
Platforms	Microsoft
Third Party Tools / IDEs / SDK / Services	Office 365
File Systems, Storage	Protobuf
Other Technical Skills	Bicep, CyberArk, Data Platform, Data Processing, Erp System, ITIL V3 Foundation, Logz.io, Semantic Kernel, SRE

WORK EXPERIENCE

Advisory Board Member, The Linux Foundation

Duration: Jan 2025 - Present

Summary: A nonprofit organization supporting the development and adoption of open-source software. It hosts and supports open-source projects, provides infrastructure and governance, and coordinates collaboration between developers and companies. Its projects cover areas such as Linux, cloud computing, networking, and blockchain.

Technologies: Continuous Integration and Continuous Delivery (CI/CD), Linux System Administration

Principal Cloud Architect/DevSecOps Consultant, Alien Build Tech Brazil (Cloud Infrastructure Modernization and Governance)

Duration: Jan. 2021 - Present

Summary: Lead technical consultant delivering scalable, highly secure infrastructure solutions focused on optimizing B2C platforms and direct-to-consumer cloud environments. Designed low-cost, automated infrastructure modernization roadmaps to reduce operational overhead while enforcing compliance and security baselines for critical workloads.

Responsibilities:

- Designed and implemented scalable and secure cloud infrastructure solutions.
- Developed automated infrastructure modernization roadmaps to optimize costs and enforce compliance.
- Consulted on cloud governance and DevSecOps best practices.

Technologies: Cloud Infrastructure, Cloud Consulting, Cloud Services, Production Deployment.

DevOps Engineer/Multi-Cloud Administrator, COOPTELCO (Calendar Management)

Duration: Sep. 2023 - Nov. 2025

Summary: Managed multi-cloud infrastructure (Azure primary, AWS) for enterprise productivity platform serving 10K+ users, including Cooptelco Calendar Management - a productivity tool designed to help teams track important deadlines, sprint schedules, and project milestones. The tool integrates directly into developer and enterprise platforms to streamline scheduling and keep team members informed.

Responsibilities:

- Designed, built and maintained CI/CD pipelines using Azure Pipelines YAML, Repos, Artifacts for automated build/test/deploy across 15+ microservices.
- Provisioned and managed AKS clusters with Terraform, Bicep, Helm; implemented GitOps with ArgoCD, autoscaling with KEDA.
- Implemented monitoring/logging with Prometheus, Grafana, Azure Monitor, ELK Stack + Logz.io.
- Built alerting and incident runbooks, troubleshooting build/release/cloud issues.

Technologies: Azure DevOps (Pipelines, Repos, Artifacts), Azure, AWS, Terraform, Bicep, Helm, AKS, Kubernetes, GitOps (ArgoCD), KEDA, Prometheus, Grafana, Azure Monitor, ELK Stack, Logz.io.

Platform Engineer/Software Engineer, FARFETCH (High-Throughput E-commerce Data Platform)

Duration: Feb. 2022 - Aug. 2023

Summary: Built a high-throughput e-commerce data platform for a global luxury marketplace with 1000+ brands and millions of SKUs on AWS/Azure multi-cloud. The platform supports data streaming, internal developer platform, and API management to enable scalable and efficient operations.

Responsibilities:

- Built internal developer platform on EKS/AKS, Docker, Kubernetes enabling self-service deployments for 30+ product teams.
- Designed high-throughput data processing with Apache Kafka, Avro schemas, Protobuf for strict domain boundaries.
- Engineered CI/CD pipelines with Azure DevOps Pipelines, GitHub Actions, and ArgoCD for GitOps delivery.
- Configured Kong API Gateway for rate-limiting, authentication, and routing of microservices.
- Deployed centralized logging with ELK and AWS CloudWatch, metrics with Prometheus and Grafana.

Technologies: AWS, Azure, EKS, AKS, Docker, Kubernetes, Apache Kafka, Avro, Protobuf, Azure DevOps Pipelines, GitHub Actions, ArgoCD, Kong API Gateway, ELK Stack, AWS CloudWatch, Prometheus, Grafana.

DevSecOps Engineer/Software Engineer, TIVIT (Infrastructure Modernization and Security Enforcement)

Duration: Mar. 2019 - Jan. 2022

Summary: Modernized Infrastructure as Code pipelines and implemented Zero Trust security controls for major insurance accounts. Migrated legacy ARM templates to modular Bicep scripts and integrated CyberArk Privileged Access Management across legacy and cloud backends. Additionally, worked as a Generative AI Developer on the TIVIT Athena project, conceptualizing and developing the initial MVP of an internal AI tool designed to reduce repetitive tasks. The solution was recognized by executive management for its high market value and subsequently launched as an official, scalable enterprise solution across multiple sectors.

Responsibilities:

- Migrated legacy ARM templates to modular Bicep scripts for AKS, VNets, and Azure Key Vault.
- Integrated CyberArk Privileged Access Management to implement Zero Trust security controls.
- Engineered CI/CD pipelines and deployment infrastructure for microservices, ensuring smooth backend integration.
- Conceptualized and developed the initial MVP of TIVIT Athena, an internal Generative AI/LLM solution designed to reduce repetitive tasks.
- Contributed to Generative AI, LLM, fine-tuning, cloud-native engineering, and event-based AI development.

Technologies: ARM Templates, Bicep, AKS, Azure Key Vault, CyberArk PAM, CI/CD Pipelines, Generative AI, LLM, Fine-Tuning, Cloud-Native Engineering, Event-Based AI Development.

Full Stack Software Engineer, Nexo CS (Enterprise Application Maintenance and Backend Optimization)

Duration: Jan. 2018 - Feb. 2019

Summary: Maintained enterprise applications using C#, ASP.NET MVC 5, and Web APIs across Oracle and SQL Server databases. Applied Domain-Driven Design, Clean Code, and ITIL V3 practices to optimize backend database integrations.

Responsibilities:

- Maintained and developed enterprise applications.
- Optimized backend database integrations using DDD and Clean Code principles.

Technologies: C#, ASP.NET MVC 5, Web APIs, Oracle, SQL Server

Intern .NET Engineer, Dev Sistemas (Modularized ERP System Development)

Duration: Oct. 2017 - Jan. 2018

Summary: Analyzed and developed modularized ERP system functionalities, performed testing under simulated operating conditions, and executed adaptations in existing routines. Worked on both user interface and server sides including Linux Debian and cloud communication tests.

Responsibilities:

- Developed new functionalities and adapted existing routines in ERP system.
- Performed testing and performance evaluation.
- Worked on UI and server-side development including Linux Debian and cloud communication.

Technologies: C# .NET, Linux Debian.

EDUCATION

- **Centro Universitário Carioca**
  Computer Science

CERTIFICATION

- **Produtividade, Gestão do Tempo e Propósito**
  PUCRS - Pontifícia Universidade Católica do Rio Grande do Sul
  Mar 2021
- **Microsoft 365 Fundamentals (MS-900)**
  Ka Solution
  Apr 2021
- **Advanced Azure Developer Training**
  Azure Academy
  May 2022
- **Azure DevOps**
  Azure Academy
  Apr 2022
- **Azure Specialist**
  Azure Academy
  Sep 2022
- **Microsoft Certified: Azure Fundamentals**
  Microsoft
  Dec 2022
- **Introducing Semantic Kernel: Building AI-Based Apps**
  LinkedIn
  Jun 2023
- **Building Skills with Semantic Kernel**
  LinkedIn
  Jul 2023
- **React.js Essential Training**
  LinkedIn
  Jul 2023
- **Prepare for the Microsoft 365 Fundamentals (MS-900) Certification by Microsoft Press**
  LinkedIn
  Dec 2023
- **Microsoft 365 Certified: Fundamentals**
  Microsoft
  Dec 2023
- **OpenJS Foundation: JavaScript**
  The Linux Foundation
  Dec 2023 - Dec 2024

- **LFC108: Cybersecurity Essentials**
  The Linux Foundation
  Jan 2024
- **LFC131: Green Software for Practitioner Certified**
  The Linux Foundation
  Jan 2024
- **Microsoft Developer**
  Microsoft
  Feb 2024
- **LFEL1014: Scaling Cloud Native Applications with KEDA**
  The Linux Foundation
  Jun 2024
- **Amazon EKS**
  Amazon Web Services (AWS)
  Jun 2024
- **NASBA Cybersecurity Certificate: DevSecOps**
  National Association of State Boards of Accountancy (NASBA)
  Jun 2025
- **Networking Academy Learn-A-Thon 2025**
  Cisco
  Jun 2025
- **LFEL1012: Secure AI/ML-Driven Software Development**
  The Linux Foundation
  Oct 2025
- **What Is Generative AI?**
  LinkedIn
  Nov 2023
- **Practical GitHub Actions**
  LinkedIn
  Dec 2023
- **Practical GitHub Project Management and Collaboration**
  LinkedIn
  Dec 2023
- **Practical GitHub Copilot**
  LinkedIn
  Dec 2023
- **Practical GitHub Code Search**
  LinkedIn
  Dec 2023

AWARDS

- **Linux Foundation Research:** 2025 Advisory Board Member (02/04/2026)
  Linux Foundation Researcher

LF Research Advisory Board Members are a distinguished group who support our mission of investigating the growing scale of open source collaboration by providing expertise on emerging technology trends, best practices, and the global impact of open source projects.