

Miguel França

IT & Cloud Consultant



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🌐 Miguel França 👤 miguelfranca

PROFILE

Driven Computer Scientist & Engineer with hands-on experience in cloud consulting, automation, and CI/CD pipelines, recently promoted to **Senior IT/Cloud Consultant at Kyndryl**. Skilled in **infrastructure as code** with a proven track record of delivering scalable solutions on **Azure and Google Cloud**. Passionate about personal development, automation, and enhanced productivity through the use of AI. Outside of work, I stay active playing **padel**, express creativity as a **drummer**, and grow my skills through **personal side projects and tech ventures**.

EDUCATION

M.Sc. Computer Science,
FCT NOVA - School of Science and Technology
2018 – 2023

SKILLS

- Languages: C++, Java, Python, Bash, Terraform, Ansible, Docker, Javascript, HTML, YAML, Kotlin, Powershell
- Tech: Google Cloud, Microsoft Azure, Kubernetes, Docker, Containers, VMWare, FluxCD, CI-CD, Networking, Linux, Git, Excel, AI, Cursor, n8n
- Soft skills: Conflict resolution, Adaptability, Collaborative problem solving

PROFESSIONAL EXPERIENCE

Senior IT & Cloud Consultant, Kyndryl

03/2025 – Present | Lisbon

- Architected and managed complete private cloud environments, leveraging **Terraform, Ansible**, and **FluxCD** to implement production-ready **Kubernetes (Talos)** infrastructure and automated GitOps delivery pipelines.
- Orchestrated cloud-native services and core operations—including **Vault, AWX, Envoy Gateway, Grafana**, and **Longhorn** storage with integrated backup strategies.
- Streamlined post-deployment operations and resolved complex enterprise networking and virtualization challenges involving **NSX, DNS**, and **Proxys**.

IT & Cloud Consultant, Kyndryl

11/2023 – 03/2025 | Lisbon

- Delivered **Hybrid** and **Multi-cloud** infrastructure solutions and built custom automation workflows using **Terraform, Python**, and **Bash** for mission-critical workflows, services, and disaster-recovery solutions.
- Collaborated directly with clients to define **infrastructure strategies and solution architectures**, ensuring alignment with business objectives.

CERTIFICATES

- Terraform Associate ✓
- GitHub Actions ✓
- GitHub Foundations ✓
- Create and Manage Cloud Resources ✓
- Google Cloud Fundamentals: Core Infrastructure ✓
- Perform Foundational Infrastructure Tasks in Google Cloud ✓
- Google Cloud Big Data and Machine Learning Fundamentals ✓
- Perform Foundational Data, ML, and AI Tasks in Google Cloud ✓
- Google Cloud Digital Leader ✓
- Microsoft Azure AI Fundamentals ✓
- Microsoft Azure Data Fundamentals ✓
- AWS Certified Cloud Practitioner ✓
- First Certificate in English
- Couchbase Certified Associate Architect with Capella ✓

SIDE PROJECTS

NotiTracker [↗](#), *Google Play Store*

- Designed and built a mobile finance tracker that turns bank and payment notifications into spending records, reducing manual entry and improving day-to-day budget visibility
- Owned the full product lifecycle from UX and design through architecture and release, delivering a cross-platform experience with secure sign-in and cloud synced data and Google Sheets
- Engineered frictionless flows so users can log transactions without even opening the app.

Atlas, *"n8n for Android"*

- Built a visual workflow automation app for Android, letting users compose trigger-based automations as node graphs (inspired by **n8n**)
- Delivered end-to-end product ownership: interaction design, flow authoring UX, and reliable background execution across device events and third-party integrations

Home Lab

- Proxmox-based home lab that hosts and orchestrates smart-home services
- Integrated lighting, power, car telemetry, and ambient TV LEDs (Hyperion) into a unified Home Assistant setup
- Secured remote access with Tailscale for private, always-on connectivity

Calefficient, *Time Tracking App*

- Calefficient is an intelligent time tracking app that automatically monitors activities to help tracking tasks and being more productive. The app uses smart algorithms to detect when a certain task or activity is being done, automatically starts timers, and seamlessly integrates with Android and Google Calendar to create professional time logs and statistics that can be used for productivity analysis.
- Flutter-based and with Firebase authentication, Google Calendar API integrations, and real-time data synchronization.
- Advanced Android System integrations: native Kotlin foreground services, accessibility services, app usage monitoring, voice interaction, location and notification services.

AWARDS

Hachathon at FCT NOVA, 2nd place,

N.Inf FCT NOVA

2019

Trained an AI model that successfully controls a virtual car using drift physics on a user-created track. Additionally, developed a local multiplayer game utilizing the core features of the car and track. All within 48h.

Technologies used: C++

LANGUAGES

Portuguese | English