

Sebastián Araque

Backend Software Engineer · Cloud & Infrastructure

CONTACT

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TECHNICAL SKILLS

Languages & Frameworks

Golang, Python, JavaScript, Node.js, SQL, Bash

Cloud & IaC

AWS (EC2, ECS, Lambda, S3, VPC, IAM, API Gateway, SQS, SNS, Aurora, CloudWatch), Hetzner Cloud, Terraform, CloudFormation, Ansible

Containers & CI/CD

Docker, Kubernetes, Cluster API, GitHub Actions, GitLab CI, Jenkins, Git

Data & Messaging

PostgreSQL, MySQL, MariaDB, SQL Server, DynamoDB, NATS JetStream, APIs REST

Observability & AI

Prometheus, Grafana, CloudWatch, PyTorch, TensorFlow

Networking & Systems

IPv4/IPv6, FTTx, OLT, BNG, VoIP, Wi-Fi, Cisco, Nokia, Huawei; Linux, Proxmox, VMware

LANGUAGES

Spanish — Native
English — C1 (working language)
French — B1
Italian — B1

CERTIFICATIONS

AWS Certified Solutions Architect – Associate (in progress)

PROFESSIONAL SUMMARY

Electronic and Telecommunications Engineer with over 3 years of experience in distributed backend systems, cloud infrastructure and high-performance networking. Currently building Syself's managed Kubernetes platform (Germany) in Golang, PostgreSQL and NATS JetStream, leading production deployments on Hetzner Cloud. Previously coordinated an R&D team on AWS, working with Terraform, CI/CD and observability. C1 English, working daily in international teams.

PROFESSIONAL EXPERIENCE

Software Developer & Network Engineer

Nov 2025 – Present

Syself GmbH · Germany

- Golang microservices backed by PostgreSQL and NATS JetStream for a cloud-native managed Kubernetes platform.
- REST APIs covering the resource lifecycle: provisioning, locking and concurrent release of nodes.
- Production deployments on Hetzner Cloud, including server provisioning and infrastructure automation.
- Interconnection networking across nodes and clusters, delivering low latency, high availability and isolated traffic.
- PostgreSQL disaster-recovery strategy using Point-In-Time Recovery (PITR), validating RPO and RTO targets.
- CI/CD pipelines in GitHub Actions and container images published to private registries (GHCR).

Research & Development Engineering Coordinator

Sep 2022 – Oct 2025

Corporación Telemic C.A. (Inter) · Barquisimeto, Venezuela

- Microservices architectures on AWS (EC2, ECS, VPC, S3), improving response times by 20%.
- CI/CD pipelines in GitHub Actions and CodeBuild, with Docker containerisation and continuous deployment to ECS.
- Infrastructure as code with Terraform and CloudFormation, focused on cloud governance and cost optimisation.
- High-performance APIs and low-level Golang applications interacting directly with the Linux kernel.
- Observability with Prometheus, Grafana and CloudWatch, reducing incident MTTR.
- AI models in Python, TensorFlow and PyTorch analysing usage patterns across 500,000 customers, flagging over 4,000 cases of service abuse.
- IPv4/IPv6, FTTx, OLT and BNG networks for ISP infrastructure, using Cisco, Nokia and Huawei equipment.
- Wi-Fi and IP backbone networks for international events (FIFA, CONMEBOL, FiteIven).

EDUCATION

BSc in Electronic Engineering

Top of the class

Universidad Nacional Experimental Politécnica Antonio José de Sucre (UNEXPO), Venezuela

BSc in Telecommunications Engineering

Top of the class

Universidad Fermín Toro (UFT), Venezuela