

Facundo Savanco

Backend Software Engineer | Go, Network Infrastructure & Distributed Systems

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SUMMARY

Backend engineer building the software behind large networks. At CommandLink I write **Go** services that ingest and monitor telemetry from multi-vendor network devices (**Starlink, Cisco, Powerlink**) and the **REST** and **GraphQL** APIs that turn it into real-time analytics across **SD-WAN**, firewalls and managed infrastructure. Promoted from SE1 to SE3 in my first year. Before this, two years in UK fintech: led a team of five, shipped payment and decision engines handling **£500M+** in transaction volume under FCA and MOJ rules. I own systems end to end, from API design to the monitoring that tells you whether any of it worked.

TECHNICAL SKILLS

Primary: Go, backend service design, high-volume data ingestion, REST and GraphQL APIs

Network & Infrastructure: Network telemetry and observability, SD-WAN, multi-vendor device integration (Cisco, Starlink, Powerlink), monitoring and alerting systems, structured logging, New Relic

Other Languages & Frameworks: PHP (Laravel, Yii, Symfony, Lithium), Python (FastAPI, Flask, Django), Java, JavaScript, TypeScript, SQL, Node.js, React, Angular

Architecture: Microservices, event-driven architecture, domain-driven design, SOLID, strangler-fig migration

Data & Cloud: PostgreSQL, MySQL, MariaDB, SQL Server, MongoDB, AWS, Azure, Docker, Kubernetes, CI/CD, testing, Git

Fintech Domain: Payment gateway integration, PCI-DSS, credit bureau data, collections compliance (FCA/MOJ)

Spoken: English and Spanish, native fluency, written and spoken

EXPERIENCE

Software Engineer III (promoted from Software Engineer I) | **CommandLink**

Enterprise Network & Security Platform | Bothell, WA, USA, Remote | 10/2025 to Present

- Build **Go** and **PHP** services that ingest and monitor high volumes of device telemetry from multi-vendor network hardware (**Starlink, Cisco, Powerlink**) over **MariaDB** and **SQL Server**.
- Design and ship **REST** and **GraphQL** APIs unifying network, security and connectivity data from **5,000+** ISP and vendor integrations, giving enterprise customers real-time visibility across **SD-WAN**, firewalls and managed infrastructure.
- Implement modular configuration, **monitoring and alerting workflows** for SD-WAN services.
- Instrumented microservices with **telemetry** and structured logging, expanding the metric coverage 24/7 Tier-3 NOC and SOC teams rely on during incident triage; deliver through **CI/CD**, code review and integration testing.

Technical Team Lead | **CollectionsCloud**

Credit Control & Debt Recovery Software | United Kingdom, Remote (concurrent) | 11/2025 to 02/2026

- Led a **team of five engineers** building a UK credit-control and debt-recovery platform to launch, setting technical direction and the overall architecture.
- Personally implemented the **entire backend API in Python (FastAPI)** driving **AI-powered automated collection calls**, from call orchestration through outcome capture.
- Integrated **multiple UK credit reporting vendors**, normalising differing bureau formats into a single credit-decisioning model, and owned the **server architecture** for all core services against ISO 27001, GDPR and PCI-DSS requirements.

Software Engineer | **Lateral Technology**

Debt Collection & Case Management Software | Cheltenham, England, Remote | 02/2025 to 10/2025

- Integrated payment gateways (**Stripe, Repay, USAePay, SagePay**) into a collections platform processing thousands of transactions and millions of data points daily, across a book exceeding **£500M** in transaction volume.
- Built a custom **decision and workflow engine** with a **no-code** rule builder, letting non-technical staff automate collection strategy without engineering involvement.
- Developed a **calculations engine** allocating payments across debts under **FCA** and **MOJ** (UK) and US collections compliance rules.
- Scaled SMS and email with **Twilio, SolutionsByText** and **SendGrid**; integrated **TransUnion** and **Equifax** for credit reporting.
- Refactored legacy **PHP (Lithium 3.0)** toward **Python (FastAPI, Flask)** and Laravel using the **strangler-fig pattern**, monitoring production with **New Relic**.

Software Developer | **AdminSEG**

Insurance Administration Software | Córdoba, Argentina | 04/2024 to 02/2025

- Developed and maintained a cloud insurance administration platform serving **5,000+ active users** and a book of **600,000+ policies** across **23 countries**.
- **Led development for the company's largest client**, working with them directly to turn business requirements into policy, claims, commission and underwriting features.
- Designed scalable relational schemas and automated reporting in **PHP (Symfony)**, **MySQL**, jQuery, Twig and SASS, applying **SOLID**, MVC and design-pattern practice.

EDUCATION

Computer Programming (Java), National Technological University (UTN) · Córdoba, Argentina · 03/2022 to 11/2024

Full Stack Python & Node.js Engineer, Codo a Codo 4.0, Ministry of Education, Buenos Aires · 02/2023 to 12/2024