

# Danilo Pantani

## Senior Platform Engineer | Go, Kubernetes & Distributed Systems

Brazil / UTC-3 | [danpantani@gmail.com](mailto:danpantani@gmail.com) | [linkedin.com/in/dpantani](https://linkedin.com/in/dpantani) | [github.com/Pantani](https://github.com/Pantani) | [pantani.github.io](https://pantani.github.io)

Available for remote international roles as a contractor or through an EOR. Brazilian and Italian citizen; open to EU relocation.

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### Professional Summary

Senior Go engineer with 10+ years in software engineering across backend platforms, developer tooling, financial systems, and blockchain infrastructure. Builds repeatable development and operational workflows spanning Go services, CLI tooling, code generation, Kubernetes, CI/CD, observability, and production node operations. Led backend migrations and multi-chain infrastructure at Trust Wallet, designed Kubernetes delivery and monitoring at Energi, and shipped 300+ merged pull requests to Ignite CLI. Brings technical leadership from system design through implementation, release, and operations.

### Core Skills

**Languages:** Go (Golang), Python, TypeScript

**Platform Engineering:** Kubernetes, Docker, Helm, GitHub Actions, CI/CD, infrastructure automation, production operations

**Observability & Reliability:** Prometheus, Grafana, monitoring, context cancellation, daemon workflows, release-quality tooling

**Developer Tooling:** CLI design, Cobra, Viper, Protocol Buffers, protobuf analysis, AST manipulation, code generation, scaffolding, migrations

**Backend & Distributed Systems:** REST APIs, gRPC, concurrency, goroutines, worker pools, fan-out processing, RPC batching, system design

**Infrastructure Domains:** full-node operations, validator infrastructure, Cosmos SDK, IBC, wallet backends, digital assets

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### Professional Experience

#### Ignite (All in Bits) | Blockchain Engineer, Go / Cosmos SDK / IBC

Remote | Dec 2022 - Mar 2026

- Engineered and maintained Ignite CLI with 300+ merged pull requests across protobuf analysis, AST-driven code generation, scaffold migrations, CLI UX, and release-quality fixes.
- Improved repeatable developer workflows for nested RPC messages, custom typed arrays, daemon-mode execution, generated code, and local application lifecycle management.
- Diagnosed and fixed tooling quality issues including a plugin data race, canceled-context reporting noise, and CI/release workflow failures.
- Built validator and consumer-chain lifecycle automation, parameter handling, and Validator-as-a-Service workflows.

#### Interchain Foundation | Blockchain Engineer, Go / Cosmos SDK / IBC

Remote | Jun 2022 - Dec 2022

- Built Go module-composition and interoperability functionality for Cosmos Hub and downstream applications.
- Strengthened delivery confidence through Gaia integration, encoding, security, and end-to-end test work.

#### Ignite (formerly Tendermint) | Senior Blockchain Engineer, Go / Cosmos SDK / IBC

Remote | Jun 2021 - Jun 2022

- Developed scaffolding, protobuf analysis, code generation, and CLI workflows for teams building and operating Cosmos SDK applications.
- Improved local developer experience across custom types, RPC messages, generated code, IBC, and validator infrastructure.

#### Hermes Network | Blockchain / Layer-2 Engineer, Go / Ethereum / zk-SNARKs

Remote | Feb 2021 - Jun 2021

- Built Go components for transaction selection, coordinator synchronization, rollup-contract integration, and production operator services.
- Instrumented Prometheus and Grafana metrics and automated release artifacts with GoReleaser, GitHub Actions, and reproducible Docker builds.

#### Energi Core | Backend Engineer / Architecture, Go / Kubernetes / Observability

Remote | Apr 2020 - Feb 2021

- Built Go backend services for DeFi and custodial-wallet workflows.
- Designed Kubernetes deployment architecture with Helm and GitHub Actions CI/CD for services and full nodes.
- Implemented Prometheus and Grafana observability for production services and node infrastructure.

## Trust Wallet | Backend Lead, Go / Multi-chain Indexing / Full-node Tooling

Remote | Aug 2019 - Apr 2020

- Led backend work on blockatlas, delivering 200+ merged pull requests across chain integrations, indexers, market data routes, RPC batching, and full-node tooling.
- Migrated services from Node.js to Go and standardized worker pools, fan-out processing, batching, and context cancellation.
- Built and operated multi-chain RPC integrations, asset metadata, validator logic, and production full nodes.

## Mercado Bitcoin | Tech Lead, Backend & Mobile / Fintech & Digital Assets

Sao Paulo, Brazil | Mar 2018 - Aug 2019

- Built Go and Python services for transaction tracking, payload signing, and wallet operations.
- Led backend and mobile delivery across iOS, Android, web, and exchange workflows.

## Earlier Software Engineering & Technical Leadership

Brazil | 2011 - 2018

- Delivered exchange, compliance, mobile, and document-recognition systems across XDEX, Finchain/FlowBTC, Neon Bank, and earlier software roles.

## Selected Open Source & Platform Impact

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- **Ignite CLI:** Go-based scaffolding, code generation, migration, and local-development workflows for Cosmos SDK applications. [github.com/ignite/cli](https://github.com/ignite/cli)
- **Validator-as-a-Service:** Go workflows for validator and consumer-chain lifecycle operations. [github.com/allinbits/vaas](https://github.com/allinbits/vaas)
- **Trust Wallet blockatlas:** Multi-chain indexing, RPC integration, batching, and node tooling. [github.com/trustwallet/blockatlas](https://github.com/trustwallet/blockatlas)

## Education

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**Universidade Presbiteriana Mackenzie** - Coursework in Computer Science and Electrical Engineering, Sao Paulo, Brazil

## Languages

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Portuguese - Native | English - Advanced | Spanish - Advanced

## Additional Information

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Brazilian and Italian citizen. Available for international contractor or EOR arrangements. Open to relocation within the European Union.