

# Christian Kuroki

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Experienced blockchain software engineer with a strong background in backend development, infrastructure, and data processing. Skilled in building scalable systems across multiple blockchain platforms. Proven problem solver and team mentor.

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## Experience

2023-Present

### **Sr Blockchain Engineer - [Range](#)**

Built cross-chain alerting/indexing services using Go, Cosmos SDK, gRPC, and CometBFT

Worked on Cosmos and Solana networks; focused on Osmosis, Neutron, Celestia, Axelar, Thorchain, and others

Developed Cosmwasm call tracer, rate-limit simulation modules, and IBC explorer backend

Rust-based alerting and indexing solution for Solana using OpenTelemetry

2021-2023

### **Sr Blockchain Platform Engineer - [Polymarket](#)**

Built and managed central limit order book (CLOB) and backend platform services in Go, Rust (Substrate), Solidity

Deployed infrastructure via Kubernetes, AWS, Terraform; used Redis Streams, Postgres

2021

### **Lead Software Engineer - [ZeroHash](#)**

Led the core backend team building scalable microservices for digital asset settlement

Go, Geth, gRPC, Kubernetes, Redis, PostgreSQL, Elastic; Agile leadership

2020-2021

### **Lead Backend Engineer - [Proper](#)**

Led backend team and ML-driven invoice processing (TensorFlow, OCR)

Go, Scylla, Firebase, Docker, Kubernetes

2018-2020

### **Sr Software Engineer - [Paxos](#)**

Go microservices, Geth, Solidity, Kubernetes, RabbitMQ, PostgreSQL

Developed custom Ethereum nodes, wallet event systems, and asset support (PAXG, BUSD)

Previous Experience (Summary)

- Held senior and founding roles across startups and enterprises since 1996, including CTO at Kombi Labs and founder of Dbas (PostgreSQL support pioneer in LATAM). Broad experience in backend, data platforms, and fullstack development. Technologies: Ruby, Python, React, Node.js, Airflow, Spark, SAP.

## Education

2020-2024

### **BSc in Computer Science (ML and AI)**

University of London

1999-2002

## **System Analyst**

JF Kennedy University of Argentina

## **Skills**

### **Languages & Frameworks**

- Go : Core language for blockchain infrastructure, APIs, and microservices
- Rust : Used in Solana indexers, Substrate-based chains, and performance-critical components
- C/C++ : Extensive experience on Unix systems for backend and systems-level programming
- Solidity : Smart contract development for Ethereum and DeFi protocols
- Python, Ruby, Node.js : Web services, scripting, and legacy system integrations
- React, TypeScript : Admin dashboards and internal tooling

### **Blockchain Platforms & Protocols**

- Cosmos SDK : Custom module development, IBC integration, CosmWasm tracing
- Solana : Alerting/indexing system with OpenTelemetry and Rust
- Ethereum : Geth/Bor custom nodes, event-driven infra, ERC20 support
- Substrate : Polkadot Rust-based chain development
- Cross-chain : Wormhole, Hyperlane, Skip, deBridge

### **Infrastructure & DevOps**

- Unix/Linux systems : Systems programming, deployment, debugging
- Kubernetes, Docker : Cloud-native orchestration and containerized services
- Terraform, Packer : Infrastructure as code and image management
- AWS,GCP : Scalable production deployments
- CI/CD : GitHub Actions, Jenkins, release automation

### **Data & Storage**

- PostgreSQL, TimescaleDB, QuestDB, ScyllaDB : Relational, timeseries and distributed databases
- Redis Streams, RabbitMQ : Real-time messaging pipelines
- Firebase, ElasticSearch : Backend services and search integration

### **AI/ML**

- TensorFlow, PyTorch, Tesseract OCR : ML pipeline for document parsing and hybrid AI solutions

### **Soft Skills & Practices**

- Team leadership & mentoring : Led backend teams and onboarded engineers
- Agile methodologies : Scrum, sprint planning, and stakeholder collaboration
- Problem-solving : Analytical mindset with strong debugging and system design skills