Leonardo Razovic

(+41) 0774297473 — lrazovic@gmail.com — Zug, Switzerland

github.com/lrazovic — x.com/lrazovic — linkedin.com/in/leonardo-razovic

PROFESSIONAL SUMMARY

Blockchain CTO with 3+ years leading Rust-based Web3 L1 infrastructure development. Built production blockchain systems achieving peak processing of 10,000+ transactions daily, integrated enterprise KYC solutions serving up to 5,000+ users, and led cross-functional teams of 5+ engineers. Expert in Rust systems programming, Polkadot SDK, microservices architecture, and regulatory-compliant DeFi protocols. Seeking senior engineering roles in blockchain, distributed systems, or high-performance Rust development.

PROFESSIONAL EXPERIENCE

Chief Technology Officer — Sep. 2022 – Sep. 2025
Polimec Foundation — *Zug, Switzerland*

- Led technical strategy and execution, scaling from concept to production-ready protocol achieving peak 10,000+ daily transactions with 99.9% uptime
- Architected and implemented core blockchain runtime in Rust (no-std), reducing transaction processing time by 25% through custom pallet development
- Designed microservices architecture integrating Deloitte and Sumsub KYC APIs, enabling regulatory compliance for up to 5,000+ verified users across 60+ countries with sub-second response times
- Reduced infrastructure costs by 45% through serverless migration using Cloudflare Workers and edge computing, maintaining enterprise-grade security
- Oversaw orderly wind-down of operations, ensuring seamless asset withdrawals for users and open-sourcing codebase for ecosystem benefit

Blockchain Engineering Instructor — Dec. 2024 – Feb. 2025
Polkadot Blockchain Academy X — *Remote*

- Delivered technical workshops on Rust and blockchain development to 100+ international participants
- Mentored 20+ development teams through complex blockchain implementations, with 90% successfully deploying to testnet within program timeline

EDUCATION

La Sapienza University — Rome, Italy
Master of Science in Engineering in Computer Science — *2020 – 2023*
Bachelor of Science in Computer Engineering — *2016 – 2020*

KEY TECHNICAL PROJECTS

Polimec Blockchain — *Rust, Substrate, Polkadot SDK, WebAssembly* — 2022 – 2025
- Engineered production L1 blockchain runtime in no-std Rust, implementing custom pallets for token sales, vesting schedules, and on-chain governance
- Optimized runtime performance achieving 6-second block times and peak 5,000 TPS throughput while maintaining deterministic execution and consensus safety
- Implemented comprehensive test suite and fuzz testing, preventing critical vulnerabilities in financial logic

Enterprise KYC/AML Microservices Platform — *TypeScript, Cloudflare Workers, REST APIs* — 2023 – 2025
- Built serverless API gateway processing peak 50,000+ KYC verification requests monthly with 99.95% availability and sub-200ms p95 latency
- Implemented cryptographic signature verification using Ed25519 and JWT authentication, securing user data for regulatory compliance across EU and US jurisdictions
- Designed event-driven architecture with IPFS integration for immutable audit trails, passing external security audits with zero critical findings

Open Source Contributions — *Rust, Blockchain, Developer Tools* — Ongoing
- Active contributor to Polkadot and Rust ecosystem, including performance improvements to core libraries
- Maintained Rust crates, focusing on blockchain tooling and no-std environments

Technical Skills

Programming Languages: Rust (Expert), TypeScript/JavaScript (Advanced), C , Java, Zig (for fun)
Blockchain & Web3: Substrate/Polkadot SDK, Smart Contracts, DeFi Protocols, Consensus Algorithms, Cryptography
Backend & Infrastructure: Microservices, REST APIs, GraphQL, PostgreSQL, Redis, Docker, CI/CD
Cloud & DevOps: AWS, Cloudflare Workers, Serverless Architecture, Monitoring (Grafana, Prometheus)
Methodologies: Agile/Scrum, Test-Driven Development, Design Patterns, SOLID and DRY Principles

Certifications & Achievements

Polkadot Blockchain Academy Graduate   Jul. 2023 – Aug. 2023
Selective 5-week intensive program by Parity Technologies (10% acceptance rate)   *Cambridge, UK*
Google Cloud Development Workshop Winner   Mar. 2019 – Jun. 2019
1st place among 10+ teams for cloud-native startup solution   *Rome, Italy*