

Sofya Kaminskaya

Middle Rust Developer

SUMMARY

Software engineer with experience in fintech and Web3. Built production-ready applications with cryptocurrency exchange integrations to collect and analyze market data. Familiar with both Ethereum or Solana ecosystems and the best security practices.

TECHNICAL SKILLS

Main Technical Skills	Rust (3 yr.), Python (1 yr.), Solidity
Programming Languages	Python (1 yr.), Rust (3 yr.), Solidity
Mobile Frameworks and Libraries	Axum (2 yr.)
Rust Frameworks	Axum (2 yr.)
Python Frameworks	Django (1 yr.), Django REST framework (1 yr.), FastAPI (1 yr.)
Data Analysis and Visualization Technologies	Google Spreadsheets
Databases & Management Systems / ORM	MongoDB (1 yr.), PostgreSQL (3 yr.), Redis (3 yr.), sqlx (2 yr.)
Blockchain and Decentralized Software	Binance (3 yr.), DeFi (3 yr.), EVM (1 yr.), Kraken (3 yr.), Solana (1 yr.), Tokio (3 yr.)
Message/Queue/Task Brokers	Celery
Methodologies, Paradigms and Patterns	Distributed systems (3 yr.), microservices (3 yr.), OOP (3 yr.)
Virtualization, Containers and Orchestration	Docker (3 yr.), Docker Compose (3 yr.)
SDK / API and Integrations	FastAPI (1 yr.), RESTful API (3 yr.), Swagger (3 yr.)
Version Control	Git (3 yr.)
Deployment, CI/CD & Administration	GitLab CI (3 yr.)
QA, Test Automation, Security	Integration testing (3 yr.), Unit Testing (3 yr.)
	JSON-RPC (3 yr.), WebSockets (3 yr.)

Mail / Network Protocols / Data transfer	
Operating Systems	Linux (3 yr.)

WORK EXPERIENCE

Security Researcher - Statemind (security firm with focus on EVM based protocols)

Duration: May 2026 – July 2026

Summary: Completed a fellowship program and was the only one out of a cohort of 30 selected for a paid internship. Audited Symbiotic V2 during it.

Responsibilities:

- Reviewed the Symbiotic V2 Solidity codebase manually, derived the protocol's core invariants from the code and documentation.
- Built a threat model on top of those invariants, deriving attack vectors against each one.
- Tested each vector against the implementation to confirm or rule it out.
- Studied core DeFi protocol designs from primary sources: the Uniswap V2/V3 and Compound whitepapers, and the Aave V3 documentation.

Technologies: Solidity, EVM, Foundry, AI tooling, DeFi, smart contract security

Rust developer - Kalatori (web3 payment gateway)

Duration: January 2026 – June 2026

Summary: Worked on production reliability and evaluated implementation options as an engineer to inform business decisions.

Responsibilities:

- Validated and stabilized the end-to-end Solana/USDC payment flow by identifying and fixing bugs in swap transaction handling and UI.
- Researched TRON-to-Polygon payment options using DEX aggregators and cross-chain bridges to expand market reach.
- Researched automated payment refunds: assessed feasibility, evaluated address-attribution API providers, and compared their subscription pricing.
- Improved service reliability and developer experience by implementing automatic RPC node failover, refactoring graceful shutdown, and setting up end-to-end tests for payment and withdrawal flows on Polygon.

Technologies: Rust, Solana, Polygon, Tron, DEX aggregators, cross-chain bridges, RPC, end-to-end testing

Rust Backend Developer - CoinLoan (crypto trading apps)

Duration: August 2022 – May 2025

Summary: Developed a trading platform for trading across multiple exchanges from one place, and built data collection for proprietary trading strategies.



Responsibilities:

- Built and maintained the exchange account management service allowing users to connect exchange API keys, trade, and track balances.
- Developed real-time Kraken order book aggregation and cross-exchange price calculation logic for the swap service.
- Implemented order and position management for a market-making service on the company's proprietary token, including automated stale order cancellation and stability improvements.
- Developed and maintained exchange integrations with Binance, Kraken, OKX, and built Bybit and Bitget integrations from scratch.
- Built automated testing infrastructure including mock services, unit and integration tests, and CI/CD release automation.

Technologies: Rust, tokio, Python, PostgreSQL, MongoDB, Redis, Docker Compose, GitLab CI/CD, Linux, Git, microservices, distributed systems, REST API, JSON-RPC, WebSocket, OpenAPI/Swagger, async programming, unit & integration testing

Python Developer - Kraud (reporting system for a hedge fund)

Duration: January 2022 – July 2022

Summary: Developed and maintained a reporting system aggregating accounting and statistical data for an international hedge fund, focusing on cryptocurrency exchange data collection and financial reporting.

Responsibilities:

- Built a data collection library integrating 12 cryptocurrency exchange APIs to standardize and simplify data processing.
- Implemented automated generation of financial reports for submission to a Swiss financial regulator.
- Maintained an automated pipeline for collecting and reporting trade data using Celery and Google Sheets, ensuring uninterrupted data flow for analytics and trading teams.

Technologies: Python, Django, Celery, Google Sheets API, cryptocurrency exchange APIs