

# OLEKSII KULPIN

## Senior Rust and Blockchain Developer

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### SUMMARY

Experienced Rust and Blockchain developer with a proven track record in designing and implementing scalable and secure systems. Adept at leveraging Rust's ownership system for safe concurrency and applying blockchain technology to create decentralized and transparent solutions. Strong advocate for open-source contributions and continuous learning.

### EXPERIENCE

#### Senior Rust and Blockchain Developer

Serbia

MVP Workshop

01/2021 - 12/2023

- Led the development of a decentralized application (DApp) using Rust and Ethereum, ensuring secure and efficient smart contract execution.
- Collaborated with cross-functional teams to integrate blockchain technology into existing systems, enhancing transparency and data integrity.
- Conducted code reviews, provided mentorship to junior developers, and established best practices for Rust and blockchain development within the team.
- Implemented cryptographic techniques for secure transactions and collaborated with cybersecurity experts to perform regular audits.
- Developed and deployed smart contracts on the Ethereum blockchain, optimizing gas usage for cost-effectiveness.

#### Rust Developer

US

Inventive

05/2018 - 12/2020

- Developed a real-time data processing application in Rust, handling large datasets with a focus on performance and reliability.
- Integrated third-party Rust libraries and optimized existing codebase, leading to a 25% reduction in CPU usage.
- Implemented multithreading and parallelism using Rust's ownership system, improving the application's scalability.
- Actively participated in Rust meetups and conferences, contributing to the Rust open-source community.
- Collaborated on a blockchain-based supply chain solution, utilizing Hyperledger Fabric and Rust for secure and transparent transactions.

### EDUCATION

#### Bachelor of Science in Computer Science

Ukraine

Odesa National Economic University

04/2010 - 09/2014

### SKILLS

**Programming Languages:** Rust, C++, Python

**Rust Ecosystem:** Actix, Tokio, Serde

**Blockchain Technologies:** Smart Contracts (Solidity), Ethereum, Hyperledger Fabric

**System-level Programming:** Experience in kernel-level development

**Concurrency and Parallelism:** Expertise in leveraging Rust's ownership system

**Version Control:** Proficient in Git, GitHub Actions