

# Rust Software Engineer



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AUTONOMY  
COMMUNICATION  
PROBLEM-SOLVING

### Competences

- Mastery in debugging difficult problems
- Linux/NixOS
- System performance tuning
- Providing high availability
- Fighting technical debt

### My values

- Curiosity
- Optimism
- Rigor

### Interests

- Gravel cycling
- Self-hosting
- Embedded toys on RP2040

## EXPERIENCE

### 2023 - 2025 : Rust Software Engineer

#### Modivo

- Led backend development for mission-critical services using Rust
- Optimized system performance and reduced latency of critical paths
- Introduced observability practices using prometheus, open telemetry and grafana
- Redesign CI/CD pipelines, adopting a shift-left approach
- Migrated services to Kubernetes with zero downtime

### 2023 : Scala Software Engineer

#### Flo Health

- Designed and maintained high-traffic services using Scala on AWS
- Developed shared Rust libraries to implement state-of-the-art privacy practices
- Created bindings in platform-specific languages for seamless integration
- Implemented complex changes in a polyglot system serving millions of active users

### 2019 - 2023 : Scala Software Engineer

#### Ravenetics

- Architected, developed, and maintained a full-scale AI chat agent system from the ground up
- Designed and implemented a custom programming language to enhance chatbot capabilities
- Developed and executed customer deployment strategies
- Built and optimized front and backend services with real-time communication
- Trained and fine-tuned machine learning models for improved chatbot performance
- Collaborated with customers to ensure smooth implementation, and system maintenance
- Strategized and optimized data persistence using PostgreSQL and CockroachDB

### 2015 - 2019 : Software Engineer & IT designer

#### ING Bank

- Contributed to the migration of the core banking system for card payments
- Developed and implemented DevOps practices to improve productivity
- Designed and maintained internal tools for system monitoring and operational efficiency
- Contributed to the strategies to enhance system uptime and reliability

## EDUCATION

### 2015 – 2017 : Computer Science, Master's Degree

University of Economics in Katowice

### 2012 – 2015 : Computer Science, Bachelor's Degree

University of Economics in Katowice

### 2011 – 2014 : Finance and Accounting, Bachelor's Degree

University of Economics in Katowice