

Artemii Gerasimovich

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Experience

▷ Middle Rust Developer @ Soramitsu

Stack: Rust, tokio, Python, PyO3, Nix

Duration: Apr. 2022 - Present

Responsibilities

- Part of Iroha 2 core team, contributing to the development of a distributed ledger
- Maintainer of Iroha 2 python bindings
- Creator and maintainer of blockchain upgrade tool for Iroha 2

▷ Middle Rust Developer @ Kupibilet

Stack: Rust

Duration: Nov 2021 - Apr 2022 · 6 mos

Responsibilities:

- Integrated third-party airline API with the company's aggregator engine

▷ Rust Developer @ D3 Technologies (now Skyroads)

Stack: Rust, tokio, hyper, PostgreSQL

Duration: Apr 2021 - Nov 2021 · 8mos

Responsibilities:

- Developed backend applications in Rust with PostgreSQL as the database
- Created tools for integrating various avionics devices

▷ Embedded Software Developer @ Avtomatika

Stack: C, FreeRTOS, STM32

Duration:

- Dec. 2018 - Jul. 2020 (part-time) · 1y7mos
- Jul. 2020 - Apr. 2021 (fulltime) · 10mos

Responsibilities:

- Developed embedded firmware for an STM32 microcontroller (part of a larger board)
- Implemented proprietary protocols on top of SDIO/UART/SPI/I-Wire
- Implemented proprietary modifications to USB protocol
- Patched and expanded STM HAL USB drivers to support additional device classes

Technical skills

Rust: Proficient, 4+ years of experience, 2+ years of professional experience. Experience with async (tokio), serde, hyper. Limited experience with procedural macros and FFI.

C: Good, 2 years of professional experience building embedded software.

Python: Good, some professional experience, mostly personal use.

Nix: Good, some professional experience, extensive personal use.

(Postgre)SQL: Some experience in writing queries and stored procedures.

Languages

English: C1, experience working on English-speaking teams.

Russian: fluent, native speaker.

German: A1.

Turkish: A1.

Education

BSc in Computational and Applied Mathematics (unfinished)

2017-2020, Saint-Petersburg State University