Murat Kasimov
Curriculum vitae

Who am I

I'm a software engineer who solves real-world problems by using formal methods to build safe and elegant programs as much as possible. Almost all work experience below is remote, but I'll consider non-remote position if relocation is an option.

Work experience

January 2024 – August 2024

zkFold
Haskell software developer

EDSL compiler internals, using Rust FFI; developing Cardano blockchain interoperability.

March 2022 – October 2023

Coinweb
Haskell software developer

Implementing cryptocurrency payment processors, working with PCI DSS handlers.

November 2021 – February 2022

Velvet Formula
Rust software developer

Developing connectors to crypto exchanges, fixing concurrency bugs.

May 2019 – October 2021

Select *
Haskell software developer

Developing compiler for a language which improves collaboration between developers and domain experts on data transformation.

August 2018 – March 2019

Metrix AI
Haskell data engineer

Redesigning, refactoring, profiling, optimizing and testing distributed system for data fetching.

November 2017 – August 2018

Serokell OU
Haskell software developer

Designing parts of distributed cryptocurrency related systems (network components, concurrency).

May 2017 – November 2017

Statzilla
Haskell data engineer

Semantic text parsing, data scraping from various sources (API, HTML, JSON, XML and etc.) using streaming and laziness.

Education

2011 – 2016	**Information security of telecommunication systems**
	Specialist diploma
	Southern Federal University, Taganrog

Communication skills

Russian	Native proficiency
English	Professional working proficiency
Ukrainian	Professional working proficiency
Swedish	Elementary proficiency
Thai	Elementary proficiency

✍	My current time zone is BKK
☎	....
✉	iokasimov.m@gmail.com
⚡	muratkasimov.art

Software skills

Interested in :	algorithms, databases, data structures, DSLs, concurrency, abstract algebra, type systems, effect systems, TUIs
Everyday tools:	Unix, Haskell, Git, Vim
Familiar tools:	SQL, Python, Datalog, TLA+