

Artyom Kazak: CV

NB: This CV is available on my site¹, as plain HTML², and as PDF³.

tl;dr

I'm a Haskeller with eight years of experience (working for three years). I have spent substantial time dealing with REST APIs (client and server), parsing, serialization, FFI, GUIs, and implementing protocols. I have delivered talks about lenses, Template Haskell, and type-level programming.

I used to be a cryptocurrency developer; nowadays I'm a backend engineer for an end-to-end-encrypted messenger. I have several side projects, including a book about Haskell and a software consultancy.

I have enough background knowledge about various tricky topics (Unicode, algorithms and data structures, cryptography) that I can often prevent people from doing silly things with them.

Potential dealbreaker: I don't have higher education.

Where I work

Right now I work at Wire⁴. Our backend⁵ is fully open-source and written in Haskell. I'm busy implementing enhancements, writing specs, and doing prototyping for novel features. I'm also doing some devops work (Cassandra, AWS, Ansible, Kubernetes), but there I wouldn't survive for long without my teammates' expertise.

Our protocol libraries are written in Rust and I contribute to them. Some of the aforementioned novel features also involve writing Rust libraries. I'd say that I'm an advanced Rust beginner – comfortable with the core language, but without experience in tricky topics like concurrency.

Previously I worked at Serokell⁶, where I was one of core developers of Cardano⁷, a hugely successful cryptocurrency with dozens of devs on the team. Other than writing a substantial part of the code and doing bug-hunting, I was involved in many architectural and design decisions.

¹<https://artyom.me/cv>

²<https://artyom.me/cv-plain.html>

³<https://artyom.me/cv.pdf>

⁴<https://wire.com>

⁵<https://github.com/wireapp/wire-server>

⁶<https://serokell.io>

⁷<https://iohk.io/projects/cardano>

I am also a co-founder of Monadfix⁸, a Haskell-and-Agda software consultancy. I manage the business and research clients' problems.

Open-source and community

I'm writing Intermediate Haskell⁹ – a book about intermediate-to-advanced Haskell topics. I also maintain several Haskell libraries; the two bigger ones are `fmt`¹⁰ and `microlens`¹¹.

In addition to that, I have two non-trivial side-projects:

- `Codesearch`¹² – a search engine for code, supporting regular expressions. I have not contributed to the code but I hired developers and currently I serve as a CTO and product manager.
- `Guide`¹³ – a wiki engine and a Haskell documentation site. In addition to managing the project, I've also written a large part of the backend.

I have written perhaps the most popular Aeson tutorial¹⁴ and I used to be teaching people Haskell at Haskell Learning Group¹⁵. I have given several different talks on Haskell-related topics, and I plan to do more.

Contacts

You can contact me here (in English or in Russian):

- Telegram or Wire: @lightgreen
- email: `yom@artyom.me`

⁸<https://monadfix.io>

⁹<https://intermediatehaskell.com>

¹⁰<https://hackage.haskell.org/package/fmt>

¹¹<https://hackage.haskell.org/package/microlens>

¹²<https://codesearch.aelve.com>

¹³<https://guide.aelve.com>

¹⁴<https://artyom.me/aeson>

¹⁵<https://github.com/haskell-learning-group/haskell-learning-group>