Veronika Romashkina

Software Developer

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SUMMARY

I am an experienced Software Engineer with a primary focus on Functional Programming. I have 4-years of experience writing production Haskell, specifically web platforms and applications. I am also an open-source maintainer, working on libraries and tools in my spare time and writing technical blog posts, tutorials, and guides about FP, Haskell, and other exciting topics.

WORK EXPERIENCE

Quantitative Developer, Standard Chartered — *Mar/2021 - Present* London, UK

- ⇢ Working on maintaining, testing and adding new features to the backend of the trading platform (Haskell)
- ⇢ Integrating testing platform for asynchronous actions into the project
- ⇢ Working on internal XML parsing system, including implementing necessary parsers to support new communication schemas/schema changes; working on performance improvements; creating DSL for easier usage withing the Bank (Haskell / Mu (internal Haskell dialect))
- ⇢ General code and performance improvements withing the codebase

Software Engineer, Habito — *Dec/2019 - Aug/2020* London, UK

- ⇢ Contributing to the back-end (Haskell), front-end (PureScript), database (PostgreSQL) and infrastructure (Buildkite) of the online Mortgage Platform and Life Insurance System. Owning and being responsible for delivering the Life Insurance product end to end, including technical and architecture discussions, breaking down the work and JIRA tasks, proactively fixing problems and raising tickets for tech debt.

Middle Haskell Developer, Holmusk — *May/2018 - Nov/2019* Singapore

- ⇢ Development of the Chronic Disease Management Platform (backend: Haskell, PostgreSQL, Protobuffers; frontend: Elm). End-to-end development and delivery of the research project for healthcare study in Type 2 Diabetes (backend: Haskell, MySql, JSON, Protobuffers; frontend: Elm, CSS), including planning the architecture, UI and work break down.
- ⇢ Establishing workflows and guidelines for the whole technical team in the company (Git, JIRA, GitHub Projects). Setup the infrastructure (Circle CI, Docker).
- ⇢ Open-sourcing and maintaining many Haskell libraries used in production. Create missing libraries in the ecosystem.

Junior Haskell Developer, Serokell — *Nov/2017 - April/2018* Saint Petersburg, Russia

- ⇢ Distributed cryptocurrencies implementation, logging infrastructure enhancements, internal toolings development (Haskell, RocksDB).

Junior Haskell Developer, Aelve — *Jul/2017 - Oct/2017* Saint Petersburg, Russia

- ⇢ Development of *Aelve Guide* web application (backend: Haskell, acid-state).

Level 2 Helpdesk Engineer, EUG2016 — *Jul/2016 - Aug/2016* Zagreb, Croatia

- ⇢ Troubleshooting of all technology issues at the venue, support of end-users, clients, reporting technology incidents.

Python Web Developer, ATEF — *Jan/2016 - Jul/2016* Baku, Azerbaijan

- ⇢ Developing an ERP system for the company.
- ⇢ Full-stack development using Frappe framework (Python), JS, MySQL.

Technology Specialist, EYOF2015 — *Jul/2015 - Aug/2015* Tbilisi, Georgia

- ⇢ technology support, analysing and recording the match statistics, database operating.

Deputy Technology Manager, BEGOC — *Aug/2014- Jul/2015* Baku, Azerbaijan

- ⇢ management of the delivery project of all technology for Baku 2015 European Games
- ⇢ detailed technology design, determination of requirements, planning, implementing; delivery of planned technology on venue including network cabling, Audio Visual etc.; troubleshooting, end-user support, managing and reporting technology incidents.

Web Development Intern, SOCAR — *Jun/2013 - Sep/2013* Baku, Azerbaijan

- ⇢ Basic educational work with backend (MySQL, PHP, Codeigniter) and frontend (HTML, CSS, JavaScript, jQuery)

Co-founder & Mentor, <u>Kowainik</u> — *March/2018 - present* online

→ Maintaining Haskell libraries and applications, creating useful tools and libraries for the Haskell ecosystem, writing educational and experience blog posts, improving documentation, mentoring people in Haskell, helping beginners to contribute to the open-source repositories.

Google Summer of Code Mentor, <u>Issue-Wanted</u> — *May/2019 - Aug/2019* online

→ Planning and mentoring the web application project written in Haskell, PostgreSQL, Elm. Including regularly scheduled meetings, planning and guidelines sessions, code review and architectural discussions. Help with blog posts review and community interaction.

EDUCATION

Master of Science (MSc). in Computer Science, ITMO University — 2016-2018

Information Technologies and Programming Faculty, Computer Technology Department

→ Haskell static analysis diploma project

B.Sc. in Applied Mathematics, Lomonosov Moscow State University — 2010-2014

Applied Mathematics Faculty

→ Diploma with honours

→ Moscow Mayor Scholarship

→ 3rd place in Azerbaijan Republican Olympiad in Programming

TECHNICAL SKILLS

→ Languages: Haskell (Cabal, Stack), Elm, Java, Kotlin, Python

→ Data storage: PostgreSQL, SQLite, MySQL, acid-state

→ Web: HTML5, CSS3, Sass, Bootstrap, Processing

→ Other: Git, GitHub, GitHub Actions, LaTeX, Ubuntu, macOS, SSH

LANGUAGES

→ **Russian:** native speaker

→ **English:** fluent

→ **Azerbaijani:** fluent

→ **Esperanto:** basic level

OTHER

Responsible; diligent; hard worker; eager to experience and learn new skills on the fly; strong analytical skills; "can - do" attitude and open mindset; work organisational skills, ability to solve problems.