Irakli Saparishvili @safareli

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SUMMARY

Senior Software Engineer specialized in front-end web engineering. Active contributor of functional programming community ([PureScript](#), [JavaScript](#)).

- Implemented [stack safe](#) version of PureScript's Effect monad.
- Implemented stack safe Free Applicative with best possible performance in [JS](#) which was then ported to [Scala](#) and [PureScript](#).
- Ported MonadRec, Alt, Plus, Alternative to fantasy land, was actively involved in its adoption in JS ([Ramda.js](#) , [Sanctuary.js](#) , [Fluture.js](#)).
- Was mentioned in Acknowledgments of [Build Systems à la Carte](#) and [Selective Applicative Functors](#).

EXPERIENCE

Senior Front-end Engineer @ [Foam Space](#)   *April 2018 – October 2019 (1year 7 month)*

- Led building of FOAM Map's front-end, which is Token Curated Registry of Points Of Interests running on **Etherium** main net. UI was built on **PureScript** and **Halogen.** Port of **Redux/Saga** I've developed, was used to make the app realtime**.**
- Occasionally made contributions to the backend, build on **Haskell.**
- Made full port of [optparse-applicative](#) to [PureScript](#).
- Ported hooks and parallelism API of [hspec](#) into [purescript-spec](#)
- Developed and contributed to various supporting libraries, all of which are [open source](#).

Software Engineer @ [SlamData](#)   *March 2017 – March 2018 (1 year)*

- Worked on front-end of the SlamData NoSQL visual analytics tool, using **PureScript** and **Halogen.**
- Develop date, time, date-time, interval, color, color palette picker components.
- Did extensive clean up of **CSS** and introduced modular approach of writing **CSS**.
- Developed and contributed to various supporting libraries, all of which are [open source](#).

Software Engineer @ [Shift](#)   *February 2016 – March 2017 (1 year 2 months)*

- Designed API and developed **React** app for editing tree structure representing car configurations.
- Developed chrome extensions for parsing condition of a car, based on Vehicle History Report HTML page from CarFax, Then ported parser logic, into our backend build on **Go,** including extensive tests executing regularly against freshly fetched reports.
- Worked on automation of marketing emails and some other operational processes, which involved development in salesforce environment using **Apex,** and our **Go** backend.
- Made various UI improvements and bug fixes of the main public facing web app.

Front-End Software Engineering advisor @ [WeAreDe](#)   *May 2015 – February 2016* (10 months)

- Introduced and formed a methodical approach to building highly responsive and scalable websites. it involved analysis of multiple PSD files for each project using [script](#) with **[psd.js](#)**, which parsed all of those files and resulted in [data](#)**,** which then was **normalized** (throwing away slight variation of colors for instance, indistinguishable for the human eye). Using [Responsive Utility](#) classes, modular approach of writing CSS ([CSS Bliss](#)) and with help of **React.js**/**JSX** result was that time of developing new pages were dropped significantly and results were of much higher quality than before.

Software Engineer @ [AzRy](#)   *May 2014 – February 2015* (10 months)

- Pioneered rewrote of *[LEPL - Legislative Herald of Georgia](#)*'s website from *Joomla 2* to **Drupal 7**.
- Designed and implemented **HTTP API** for native Android and iOS clients.
- Built native **iOS** app for the LEPL — [Matsne](#) *on* **Objective-C**.
- Wrote front-end of [TBC Bank's](#) project [P2P](#) - Pear to Pear Money Transfer. used **MVCSS** approach for writing maintainable and scalable **CSS** and Gulp.js for development workflow automation.

Software Engineer @ [ITDC](#)   November 2012 – August 2013 (10 months)

- Built MyVideoTV application for *[Android devices](#)* and custom *[TV Boxes](#)* *using*: **Java** / **Android SDK**.
- Wrote front-end of some responsive web sites *using*: **Bootstrap** and **jQuery** Libraries, **Guard** for automating development workflow, **Sass** and **Compass** for writing **CSS.**

COMMUNITY INVOLVEMENT

Co-founder & Co-Organizer @ [uniHack](#)   *December 2013 – December 2015* (2 years)

- Organized 4 large international college hackathons in the country of Georgia.
- Developed web sites for our **hackathons**. *Sources: [github/uniHackio](#).*

EDUCATION

Computer Science, B.S.   Fall 2013 – Spring 2018

[Georgian Technical University](#), Tbilisi, Georgia