Irakli Saparishvili @safareli

SOFTWARE ENGINEER

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SUMMARY

Technology agnostic software engineer specialised in front-end development with substantial experience developing applications for iOS, Android and Drupal. Digging into Functional, Dataflow and Reactive Programming, React.js, Living Style Guides and CSS architecture.

- Proficient in: **JavaScript**, **CSS** (architecture), **Node**.js
- Experience with: **React**.js, **Drupal** 7, **Objective-C** and **iOS**, **Java** and **Android**, **C++**, **PHP**, **SQL**

EXPERIENCE

As a freelancer worked on some small mobile apps and internal web applications for different organisations/companies.

Software Engineer @ Shift   *February 2016 – Present*

- Responsible for building **Reactive UIs** for our internal tools and working on features that our users see and interact with on a daily basis. Here I have started actively using Purely Functional Reactive Programming for building Reactive Applications, and tying to keep codebase as Pure as possible.

Freelancer Front-end Engineer @ WeAreDe

- *StyleDiplomacy - online fashion Store.* This project required analysis of 13 PSDs (some of these contained more than 1 page in it). Wrote a script with **psd.js**, parsed all of those files and got data required to proceed. **standardised received data** throwed away about **66%** of colors and **50%** of font-sizes, slight variation of colors for instance, indistinguishable for human eye. Wrote really advanced, fully responsive grid system, based on **flexbox**. Used **React.js** with **JSX** to get react components (like public interface of css components written with CSS Bliss style guide) and templates (which were using those components) and generated static html pages based on this system. After building initial frame, custom css was not even necessary. In the end, the client received highly responsive and modular pages: Subscribe, Category, Checkout, Contact, Designer, Designers, Destination, Home, Lookbook, Post, Product, Search, Terms, Error, Styleguide, Login, Register, Card, Wishlist and Search in the right navigation.
- *Rooms Gazette - blog of Rooms Hotel* — Collected all colors, font sizes, and spacings, put those into **sass** dictionaries and generated Responsive Utility classes. after some time in combination with other components, build fully responsive pages, without touching css: Homepage, Guests, Text, events

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

- Rewrote *LEPL - Legislative Herald of Georgia*'s website from the old version of Joomla to **Drupal** 7.
- Created **HTTP API** for native Android and iOS clients.
- Built the **iOS** app — Matsne *using*: **Objective-C**.
- Wrote front-end of TBC Bank's project P2P - Pear to Pear Money Transfer *using*: **Jade**, **MVCSS** with **stylus** 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* running Android *using*: **Java** and **Android SDK**.
- Wrote front-end of some responsive web sites *using*: **Guard** for automating development workflow, **Sass** and **Compass** for writing **CSS**, **Bootstrap** and **jQuery** Libraries.

COMMUNITY INVOLVEMENT

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

- Organised 4 large international college hackathons in the country of Georgia.
- Developed the main web sites for our **hackathons**. Built simple particles' **physics 2D simulation** as a **Canvas** background of uniHack.io. Used **gl-matrix** for high performance vector math, **browserify** and **CoffeeScript** for **JavaScript**, **Stylus** for **CSS** and **Jade** for **HTML**, **Gulp.js** for building *bilingual* **static sites**, **THREE.js** for 3D background of hackTbilisi's sites (2014 and 2015). *Sources of these sites are available on at github/uniHackio.*

EDUCATION

Computer Science, B.S.   Fall 2013 – Spring 2017

Georgian Technical University, Tbilisi, Georgia

The most resent version of this resume is available at github.com/safareli/resume