

# Revaz Zakalashvili

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## Summary

Software engineer, with the experience of building pixel perfect and speed optimized applications.

## Experience

### Full-stack Software Engineer @ Eduflow

April 2019 - October 2020

As a full stack engineer I was delivering projects from planning backend to pixel perfect frontend, contributing to product and UI/UX decisions. Worked on three projects: Peergrade, Eduflow and Notifyly.

- Built a complex sidebar with drag and drop, contextual menus and course thumbnail editor.
- Main structure for editing activities - front end architecture, settings and activity front pages.
- Implemented fully responsive layout and optimizations for mobile devices.
- Front end optimizations and accessibility.
- Account pages and authorization.

Tech stack: Python, Django, Graphene, PostgreSQL, Redis, GraphQL, Relay, React, TypeScript, CSS, Webpack, Heroku, Selenium.

### Software Engineer @ AzRy

August 2016 - February 2018

Worked on two main projects: Legislative Herald of Georgia, World Food Programme

- Developed **Drupal 7** module with heavy **DOM** manipulation using **VanillaJS** for documents parallel view where two unstructured, non-identical **HTML** documents should be scrolled simultaneously.
- Refactored application to make fully accessible and compliant to **WCAG** and **WAI-ARIA** standards.
- Voice synthesizer, which enables users to listen to highlighted texts in Georgian, this includes functionality to play/pause, change the speed of playback. Highlighted **DOM** elements are parsed and split into logical parts and corresponding audio files are loaded lazily.
- Integrated and maintained live support chat system that was built on top of the open source app.
- Implemented document management system with functionality to add documents to favorites, see recently viewed documents with the integration to **Google Drive** and **Dropbox**.
- **Drupal 8** theme and module development

Tech stack: PHP, Drupal 7, Drupal 8, JavaScript.

### Software Engineer @ Origin Eight

March 2017 - Jul 2017

Developed and maintained **Drupal 8** modules and themes.

Tech stack: PHP, Drupal 8, JavaScript, CSS.

### Software Engineer @ Geocell

August 2014 - Jan 2016

Developed several applications for other employees:

- Built an app with **NodeJS** and **Express** framework with the main goal to retrieve data from several different databases such as **MongoDB** and **MySQL**, on the front-end I was using **Bootstrap** and **jQuery**. Application helped customer service to easily access user data, increased productivity.
- Chrome extension with built in calculator which adds key bindings to an existing system and is used company wide by customer support and tech team. Calculator takes arguments from highlighted text in **DOM** and the key bindings helped the team to substantially increase productivity and reduce response time to incidents.
- Python script that enables the tech team to easily copy files and folders from one server to another.

Tech stack: Python, NodeJS, Express, JavaScript, MongoDB, MySQL.

### Software Engineer @ Omedia

December 2013 - July 2014

- Developed responsive web sites on with custom modules and themes for **Drupal 7** with integration to third party applications.
- Built fully responsive frontend architecture for **SPA** using **VanillaJS** in addition worked on advanced **CSS** animations.

Tech stack: PHP, Drupal 7, JavaScript, jQuery, CSS, Gulp.

### Software Engineer @ ITDC

May 2013 - October 2013

- Built fully responsive front-end web sites with scalable **CSS** architecture

Tech stack: jQuery, VanillaJS, Gulp, Grunt, Compass, Sass.

## Community involvement

### Co-founder & Co-Organizer @ uniHack

December 2013 - December 2015

- Organized 4 large international college hackatons in Tbilisi, Georgia

## Education

### Computer Science, B.S.

Fall 2014 - present

Caucasus University, Tbilisi, Georgia

I was one of the best student, with the highest GPA score in the School of Technology, but because of mandatory military service in Georgia I'm not finishing it yet.