Andri Bergsson

Software Developer

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EDUCATION

Technical University of Denmark	Lyngby, Denmark
Master of Science in Engineering in Mathematical Modelling and Computation	*Sept. 2017 – Present*

University of Iceland	Reyjavk, Iceland
Bachelor of Science in Software Engineering; GPA: 8.73/10.0	*Sept. 2013 – June. 2016*

EXPERIENCE

Enalyzer — Copenhagen, Denmark

Full Stack Developer — *April 2017 - Present*

- Currently I'm working on the entire stack of our cloud application, www.enalyzer.com. We are a small team of 5 people (3 devs + the CTO and Head of Engineering) working on the application. As a member of such a small team I need to take great ownership and responsibility of the code I write and I get to wear many hats each day. The stack itself is a pretty standard (and Microsoft oriented) stack, SQL Server and C# on the backend with vanilla JavaScript on the frontend, all served from Azure. Day-to-day activities include implementing new features, doing bug fixes, code reviews and solving architectural or other technical issues. The frontend work mostly revolves around creating reuseable and functional UI components, putting together new flows and handling proper caching of data. On the backend, it's creating new API endpoints, setting up logic in different data layers, creating stored procedures and tables in the database, integrating with other third party API's (like Zapier) or creating webjobs that run on Azure.

RB - Reiknistofa Bankanna — Reykjavk, Iceland

Software Specialist — *May 2016 to December 2016*

- Reiknistofa bankanna (RB) is an IT service centre for the Icelandic financial market covering all aspects of IT services. As a software specialist I worked closely with my teammates on the main project being carried out at the time, an integration of a new deposit and payment system. For this my team needed to write a set of micro services (using .NET) with both payment and deposit functionality that communicated with our old existing back end systems as well as the new system that was being integrated. This also meant that we needed to carry out extensive testing of said web services via automated testing, do performance analysis of our web service operations as well as do bug fixes and much more. As a summer project I also developed a proof of concept app on android (and later iOS) that showcased mobile payment functionality built on top of our current systems.

RB - Reiknistofa Bankanna — Reykjavk, Iceland

Software Specialist — *May 2015 to April 2016*

- I worked mostly on creating automated tests for our web services and I also helped develop our testing process and strategy. From May 2015 to September 2015 I worked there full time, but from September 2015 to April 2016 I worked remotely once a week while finishing up with school.

University of Iceland — Reykjavk, Iceland

Teaching Assistant — *January 2015 to May 2015*

- **TA - Computer Science 2:** Teaching assistant for the course Computer Science 2, where I held weekly classes for students where we discussed homework problems in the course as well as going over and grading homework assignments. The course was a deeper dive into first years mandatory compsci curriculum. Search, sort, trees and graphs and corresponding implementations (in java or C) were the main topics of the course.

PROGRAMMING CHOPS

Listed below are some technologies that I've gotten to know in my career, but learning a new language/framework/library (or whatever it is) is always a fun and welcoming challenge.

Languages: C#, JavaScript, Python, Java, SQL, HTML, CSS, C, Bash

Databases: SQL Server, SQLite, Oracle, MongoDB

Version Control: Git, GitHub, Team Foundation Version Control

Other tools and technologies: Microsoft Azure, Redis, Visual Studio Team Services, Zapier, Trello, Slack, Webpack, Babel, npm scripts, selenium, nightwatch.js, vim