



Jonathan Munz

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I have over 10 years of experience in the software industry, specializing in web development with a wide knowledge of both front-end and back-end frameworks. I'm always striving to learn new technologies so that I can bring the latest tools and best practices to your project.

I've worked in a mix of office and remote environments both as an individual contributor and as a team lead. I have excellent communication skills, whether it be with other developers, designers, or product managers. I love collaborating with others to make sure a project is a success.

Summary of Skills

- Javascript (ES6/7/8/9), Typescript
- React.js, Node.js, Backbone, Marionette
- HTML5, CSS3, SASS, Bootstrap, React-Bootstrap
- Graphing libraries including Highcharts, Plotly, D3
- Python
- Django, Flask, REST APIs
- MySQL, NoSQL solutions such as Redis and HBase
- Message brokers such as RabbitMQ and Kafka
- Deployment environments such as Docker, AWS, bare metal Linux
- Nginx, Apache
- Go
- Java
- Smart contract development for blockchains including Solidity

Work Experience

Technical Lead | Upsight

February 2016 - Present

In charge of new feature architecture and code quality maintenance for the customer-facing dashboard, data analysis tools, and Javascript SDK. Additionally I am an individual contributor on our ecosystem of Hadoop Java components, marketing server components (written in a mix of Python, Node.js, and Go) and Salt deployment configuration.

Senior Software Developer | Upsight

January 2013 - February 2016

Developed and deployed a series of back-end services built on a mix of Flask, Django, and custom Python and Go REST frameworks operating in a micro-services architecture. Handled the front-end integration of these services into a SPA built using Backbone and Marionette.

Software Developer | Kontagent

October 2011 - January 2013

Worked as part of the customer-facing dashboard team. Development tasks included building and maintaining a series of data visualization and charting tools on top of d3 and Highcharts and writing the server-side business logic in Django as well as integrations with internal APIs and SQL databases.

Education

University of Waterloo

Bachelor of Computer Science

Honours Computer Science Co-operative Program *With Distinction*