

Shane Schmaltz

Calgary Alberta Canada

(403) 990-7630 | STSCHMALTZ@GMAIL.COM

<https://shaneschmaltz.com> | <https://www.linkedin.com/in/stschmaltz/>

Technical Skills

- **React:** React is my bread and butter. I have been doing React at work and in my free time regularly for over a full year (basically daily). I have experience building a range of applications from very simple single page applications all the way to a fully integrated ecommerce store with login and a permission layer. Additionally, I am up to date with the latest trends and technologies within the react ecosystem as it really is my current passion. React is what I write most of my personal projects in including my website above.
 - Recompose, RxJS, Redux, GraphQL, apollo, nextJS, server side rendering
- **GraphQL:** GraphQL was something I helped bring to Replicon. I took a course (www.advancedreact.com) and suggested we give it a try and did a proof of concept that it would work for our needs. As such I am familiar with it at both a small scale and enterprise level.
- **CSS:** I am solid on my css knowledge. I am familiar with CSS-in-JS practices as well as more traditional style sheets. Have experience with responsive design and current trends/technologies (flexbox, grid).
- **Javascript/NodeJS:** I feel very comfortable with JavaScript in both a frontend and middleware/backend capacity. I am most familiar/comfortable with the ES6 feature set but generally feel confident writing javascript.
- **Kotlin/Java:** Kotlin is the language I've spent the most time on outside of javascript. I also have experience with it at a personal and professional level. I have experience with both gradle and maven, as well as Eclipse and IntelliJ.
- **Git/Github:** Very familiar with version control principles and specifically experienced with git
 - <https://github.com/stschmaltz>
- **C#:** Most of my experience from this is just translating my kotlin experience. Additionally, I am reasonably comfortable with visual studio.
- **Python:** Have used python primarily for small scale programs/scripts.
- **Continuous Integration:**
 - **AWS:** CodePipeline, EC2, ECS, S3, CloudWatch (monitoring/dashboards).
 - **Docker:** familiar with basics of docker and volume mounting.
 - **Packer/Vagrant:** Used packer and vagrant to manage and create vm images for development/production environments.
 - **CircleCI/TravisCI/AppVeyor:** mostly worked with CircleCI and writing the yaml file configurations. Hooked into Github and used for creating build artifacts and running unit tests.
- **SQL:** Frequently work with PostgreSQL and writing SQL for that. I am also familiar with Relational Databases and their general best practices.
- **Kafka/Stream processing in general:** I have spent a lot of time with Kafka and Kafka Streams. Spent over a year and a half on a stream processing project (converting batch ETL to a series of stream processing applications)
- **Agile Methodologies:** Familiar/experienced with scrums, sprints, backlog grooming, sprint planning, story point estimates, etc.

Technical Work Experience

May 2015 - PRESENT (3 yrs 9 mos & counting)

Replicon Inc. - Calgary, AB, Canada - *Software Engineer*

- Started as a test automation engineer and after exactly a year of QA, switched to the development role for the platform and innovation team.
- My first half as a developer I spent a large portion of my time with **continuous deployment**, stream processing (with **kafka**) and **kotlin**. This is where I had the most direct AWS experience in regards to codepipeline, ecs, ec2, and s3. I also spent time learning a lot about design patterns during this phase of my career.
- The second half as a dev has been spent predominantly creating web/mobile apps with **ReactJS** and **nodeJS**. I am very interested and constantly working on becoming a better web developer since starting this path.

Professional Awards

Q3 2017 MVP - Replicon - as Developer

Q4 2015 MVP - Replicon - as Test Automation Engineer

Education

Sept 2010- April 2015

University of Calgary - *Bachelors of Science in Computer Science*

Notes :

I wrote this section because every resume has a list of technologies and experience that say "hey I am a software developer" and I want to distinguish myself from that general crowd. I am not just another software developer, I am truly passionate about software and its ability to change the world. I am constantly working on improving my abilities as a developer both professionally and personally. Professionally I look to mentors and peers to learn and collaborate with as I find peer to peer information sharing is hard to beat. Additionally, I try to spend at least some time every day either working on a personal project or taking a course on udemy, pluralsight, coursera, egghead, etc. I am looking for a company that offers me strong opportunities to learn, that respects work/life balance and creates an encouraging work environment in relation to innovation. In