

Shane Schmaltz

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Technical Skills

- **Kotlin/Java:** I consider Kotlin my “best” language as it’s what I spent most of my development time at Replicon on so far. Java was the main language used by the U of C and I am familiar with both gradle and maven. As well as Eclipse and IntelliJ.
- **C#:** I haven’t done an immense amount of C# programming but feel generally comfortable using it as I find it very similar to Kotlin. This is a language I use periodically at work as well.
- **Python:** Have used python primarily for small scale programs/scripts
- **Node JS:** I am fairly new to JavaScript in general and have just recently made it a focus to learn. I have begun exploring the node ecosystem, getting familiar with npm, bower (for ember front-end at Replicon) and general javascript conventions/best practices.
- **React:** I am just a beginner with react. I completed a react tutorial (<https://reactforbeginners.com/>) in my free time and find it very enjoyable but have not worked on anything at enterprise level.
- **Continuous Integration:**
 - **AWS:** CodePipeline, EC2, ECS, S3, CloudWatch (monitoring/dashboards)
 - **Docker:** familiar with basics of docker and usage in relation to codepipeline/ecs and volume mounting
 - **Packer/Vagrant:** Used packer and vagrant to manage and create vm images for development/production environments.
 - **CircleCI:** familiar with CircleCI and the yaml configurations involved. 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:** 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)
- **Git/Github:** Very familiar with general version control principles and specifically experienced with git
- **Agile Methodologies:** Familiar/experienced with scrums, sprints, backlog grooming, sprint planning, story point estimates, etc.

Technical Work Experience

May 2015 - PRESENT

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.
- As a dev I have spent a large portion of my time with continuous deployment, stream processing (with kafka) and kotlin
- I’ve more recently been working on a node/ember js project

Education

Sept 2010- April 2015

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

Awards

Q3 2017 MVP - Replicon - as Developer

Q4 2015 MVP - Replicon - as Test Automation Engineer

Notes (about myself, but for you) :

Short version: I like software and working with interesting technologies. I am looking for a company that offers me the opportunity to learn (whether it be through good mentorship, courses or simply the interesting technologies they use), that respects work/life balance and creates a positive work environment. In return, I promise to be a driven programmer capable of working hard, learning that genuinely cares about the future and growth of said company.

Long version: I **really** love software and in particular the power of software to impact the world. This causes me to be very driven to constantly be learning new technologies and follow current trends/techniques within the industry. I consider myself to be fairly new to the software engineer world who is eager to continuously improve and apply new knowledge. As such, there are many areas for me to improve and I do not consider myself an expert in any particular area of software development. I try to spend a little bit of time each week in my off hours reading technical textbooks or learning tutorials for a new language. I am looking for an opportunity to learn and have mentorship on best practices, design patterns, current technologies and essentially anything that helps me grow my abilities as a software developer. I like to think I am a valuable member to any team that offers me the opportunity to grow my abilities and work with interesting technologies/individuals. Additionally, work/life balance is also very important to me as I believe to be productive and achieving it is important to have other interests/hobbies. In my free time I like to workout at the gym (started a little over 2 years ago), go longboarding (if it's warm out!) and I have been playing guitar/bass almost nightly for just over a year now.