

# DEVIN WATSON

1851 Glynda Dr Ne,  
Marietta GA 30062  
(678) 994-3969  
contact@devinwatson.com

---

## SKILLS

---

**Languages:** Scala, Java, C#

**Testing:** ScalaTest, scoverage, Mockito

**Data:** Elasticsearch, Mongo, Cassandra, MySQL

**Streaming:** Kafka, Flink, Spark, Akka

**Cloud:** Kubernetes, AWS

**Tools:** NGINX, Docker, sbt, Git

**Deployment:** Jenkins

**Monitoring:** Kibana, Grafana, Fluentd

**Web:** Play, Vue.js

---

## EXPERIENCE

---

### MidAmerican Energy

*Senior Enterprise Developer/Integrator & Team Leader, July 2016 – Present*

Led a team of developers to update and split a monolithic legacy application that monitors energy usage for thousands of military base homes into microservices.

- Helped define clear boundaries where the legacy application could be split into microservices.
- Split legacy code into individual microservices.
- Deployed multiple Kubernetes clusters to AWS.
- Created Jenkins release / deploy jobs for microservice, web, and networking layers.
- Setup up cluster wide logging using Fluentd, Elasticsearch and Kibana.
- Setup up cluster wide monitoring using Grafana.
- Created microservice monitoring and alerts with Nagios.
- Wrote detailed documentation for all procedures concerning microservices.
- Setup and maintained underlying AWS support infrastructure.
- Worked with managers and product owners to split projects into actionable tickets.
- Mentored and directed junior developers to ensure productivity.
- Worked directly with QA to develop test plans.
- Performed security audits to ensure company standards were met.
- Helped identify cost saving measures within AWS.
- Presented updates / demos during company wide meetings.
- Developed new web front-end using Vue.js.

## **BetterCloud**

*Product Developer, February 2015 – July 2016*

Worked as part of a team to develop a stream processing platform to process billions of events a day from SaaS companies and validate them against customer defined rules and security alerts.

- Maintained at minimum 95% code coverage.
- Participated in core architecture design decisions.
- Developed stream processing jobs using Akka on Flink.
- Worked directly with devops to design and implement deployment and monitoring strategies.
- Developed front-end components with Angular.
- Helped plan and run recruiting hackathons.

## **Identity One**

*Software Engineer, January 2012 – February 2015*

Developed and maintained a biometric identity management platform that is deployed worldwide to military bases and prisons.

---

## **EDUCATION**

---

### **Georgia Southern University**

*Bachelor of Science in Computer Science, Fall 2011*