

# DEVIN WATSON

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## SKILLS

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

**Testing:** ScalaTest, Scoverage, Mockito

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

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

**Cloud:** Kubernetes, AWS

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

**Deployment:** Jenkins

**Web:** Play, Vue.js

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## EXPERIENCE

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### 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 hundreds of millions of events a day and validate them against customer defined rules and 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.

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## **EDUCATION**

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### **Georgia Southern University**

*Bachelor of Science in Computer Science, Fall 2011*