Worked with the West Virginia State Police Internet Crimes Against Children Unit as a Java developer and database administrator.

* Worked with AngularJS, Apache Tomcat, Apache NiFi, Docker, MySQL, MongoDB, MVC concepts, and the Spring framework.

Taught a computer engineering lab focused on x86 assembly language and interfacing with hardware.

* Demonstrated, taught, and graded a junion/senior level computer engineering lab.
* Held office hourse to help students with both lab and course work.
* Graded technical lab reports.

Graduate Assistant (WVU | 2014 – 2016)

Lead Software Engineer (Leidos | 2019 - present)

Currently serving as the Technical Lead Engineer of a team building a Platform as a Service. This position has been heavily focused on DevOps and building/deploying microservices.

* Responsible for leading the development of the PaaS reference implementation
* Have pioneered some of the work related to container orchestration with the Leidos Morgantown office, including work with Kubernetes, Helm, Docker, and Skaffold.
* Have worked with notable tools and technologies such as Apache Kafka, Apache NiFi, MongoDB, PostgreSQL, Prometheus/Grafana, Istio, and Terraform among others.
* Have worked with multiple cloud platforms including AWS, GovCloud, Azure, and GCP.
* Have built and automated repeatable native/Docker/Vagrant/AWS workspaces development environments.
* Have worked several proof of concepts that required fast turnaround and concise demonstrations.

Software Engineer (Leidos | 2017 – 2019)

Served as a developer for multiple web application products. This position was primarily focused on both front and back end development using JavaScript and Java.

* Fulfilled development roles on the front end using JavaScript, HTML, CSS, Polymer, and React among other libraries.
* Fulfilled development roles on the back end using Java and RxJava among other libraries.

Education

Skills

Java, JavaScript, Bash, Vagrant, Docker, Kubernetes, Helm, Skaffold, Terraform, AWS, Apache Kafka, Apache NiFi, SQL and NoSQL databases, Jenkins, Prometheus/Grafana, Istio, Yeoman, Hugo

I am a full stack software engineer. I have seen nearly all aspects of the software development lifecycle. I’ve fulfilled front and back end development roles, architected microservices solutions, created DevOps pipelines, and written technical documentation to teach others how to do the same. At this early stage in my career, I have served as a technical lead for multiple projects and have fulfilled other minor leadership roles as well. While leadership is important for my current position, being a team player is, and has always been, critical regardless of position. I have had no issue falling in line, working with teammates, and adding meaningful contributions to every team I have been a part of. I have an insatiable passion for technology and I’m not afraid to step outside of my comfort zone.

Summary

MSc Electrical Engineering

West Virginia University

2015-2017

BSc Computer Engineering

West Virginia University

2010 - 2015

CAREER

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Joshua Ward