

# Ethan Bowen

ethan.a.bowen@gmail.com

Passionate, driven, concept-focused technologist eager to create meaningful products that impact lives.



### **Education**

Texas Tech University - 2012 Bachelor's of Science in Computer Science University of Texas at Arlington - 2016 Master's of Science in Computer Science

### **Tech Skills**

#### Communication **Backend** Frontend **REST** Javascript Java React **JMS** Spring Boot RabbitMQ **Bootstrap** C# CSS **SOAP** PHP WebSphereM Angular Eureka/Zuul Node C/C++ Scripting CI/CD Storage Dynamo Bash/Sheel **Jenkins** MySql Gitlab Python DB2 CodeBuild CodePipeline Heidi Mongo **AWS** IAM **AWS AWS** Quicksight **Amplify**

# **Experience**



**Advisory Software Engineer** 

03/2020 - Present

- Served as technical lead on company wide Hub integration project
- Integrated AWS services such as functions, storage, and authentication throughout CBORD
- Introduced and harnessed IaC with Serverless and Terraform

Software Engineer 04/2019 - 03/2020

- Led external team members daily on technical and domain-specific topics
- Initiated several projects and proof of concepts in an effort to push the team forward
- Developed React webpages for CSGold's web migration

#### **→** Lockheed Martin - Skunkworks

Software Engineer III 09/2018 - 04/2019

- Built a plugin-based dependency injection library using native Java
- Refactored and heavily optimized entire CI/CD pipeline via Jenkins/Groovy
- Initiated more through SCRUM practices (retrospectives, code reviews, better planning)

### Pier 1 Imports

Software Engineer II 04/2016 - 09/2018

- Developed micro-service architecture to provide reliable, tolerant, and extensible Supply Chain products
- Adopted the open-source mindset by actively seeking and applying new opportunities to enhance the customer experience
- Created 'Generic Class Generator' in Java that populated any Java object with random values (recursively if needed)

### BNSF Railway

Software Developer II 09/2012 - 04/2016

- Drove preventative mechanical derailment efforts on WebSphere, Java, UNIX, and TIBCO platforms
- Implemented "Train Matching" software in charge of aggregating multiple real-time data feeds
- Resolved on-call production issues leading to several initiatives for system optimization and stability

## **Projects**

- NASDAQ Stock ticker and article website. Using plain js (website), NodeJs (api) and Python (for article/ticker scraping)
- Implementation of Support Vector Machine and creation of custom Kernel
- Experiment with technologies to understand their place in the development ecosystem