

# Ethan Bowen

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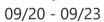
Passionate, driven, concept-focused technologist eager to create meaningful products that impact lives.

#### **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

#### **Certificates**







Testing March 15th



Will get after SAA

#### **Tech Skills**

<u>AWS</u>	<u>Backend</u>	<u>Frontend</u>	<u>Design</u>	<b>Communication</b>
S3	Java	Javascript	SOLID	REST
IAM	Spring	React	DDD	RabbitMQ
Cognito	C#	Bootstrap	OOP	SOAP
Athena	PHP	CSS	Clean Code	JMS
Glue	Groovy	Angular	Web CDD	WebSphere
CodeBuild	Eureka/Zuul	Node		
CodePipeline	C/C++	SCSS		
CF/CDK				
Lambda				
EC2				
Amplify				
API Gateway				
	A L		CLICD	00

### **Storage**

Dynamo MySql DB2 Heidi Mongo

# <u>Analysis</u>

AWS QuickSight SonarQube Tableau

# **Scripting**

Bash/Shell Python

# CI/CD

Jenkins Gitlab

#### OS Windows

Unix

ows Serverless
Terraform

#### **Experience (9+ years)**

#### CBORD

#### **Advisory Software Engineer**

03/2020 - Present

- Lead, designed, and coded a robust multi-tenant analytics solution (QuickSight) spanning multiple AWS regions
- Serving as technical lead on company wide Hub integration project
- Integrating AWS services such as functions, storage, and authentication throughout CBORD
- Introducing and harnessing 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**

I highly encourage visiting the Projects page on my website and my GitHub page.