



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

Frontend

Javascript
React
Bootstrap
CSS
Angular
Node
SCSS

Backend

Java
Spring
C#
PHP
Groovy
Eureka/Zuul
C/C++

AWS

S3
IAM
Cognito
CodeBuild
CodePipeline
CF/CDK
Lambda
EC2
Amplify
API
Gateway

Design

SOLID
DDD
OOP
Clean
Code
Web
CDD

Communication

REST
RabbitMQ
SOAP
JMS
WebSphere

Storage

Dynamo
MySQL
DB2
Heidi
Mongo

Analysis

SonarQube
Tableau
QuickSight

Scripting

Bash/Shell
Python

CI/CD

Jenkins
Gitlab

OS

Windows
Unix

IaC

Serverless
Terraform

Experience (8+ years)

CBORD

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

- Created website that displays the latest news on every NASDAQ Stock ticker using web-scraped data.
- Implementation of Support Vector Machine and creation of custom Kernel
- Constant experimentation with technologies to understand their place in the development ecosystem