



Ethan Bowen

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

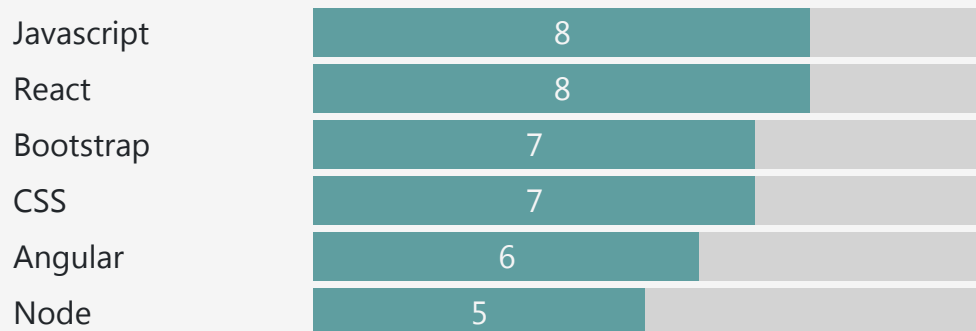
Education

Texas Tech University - 2012
Bachelor's of Science in Computer Science

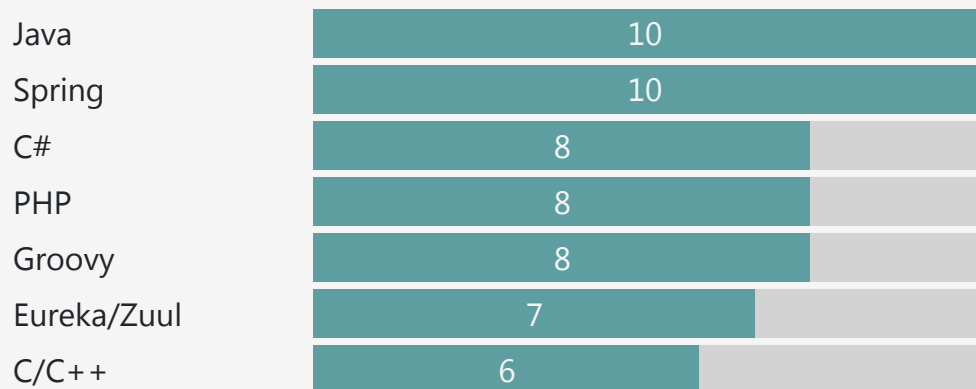
University of Texas at Arlington - 2016
Master's of Science in Computer Science

Tech Skills

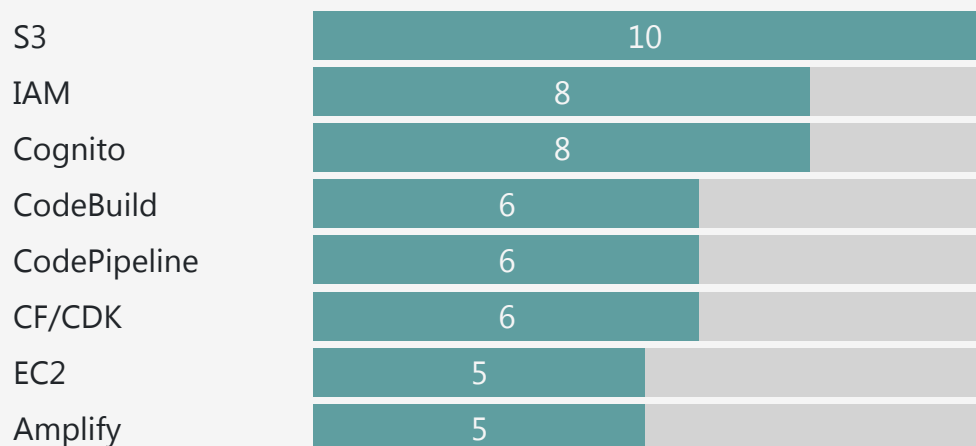
Frontend



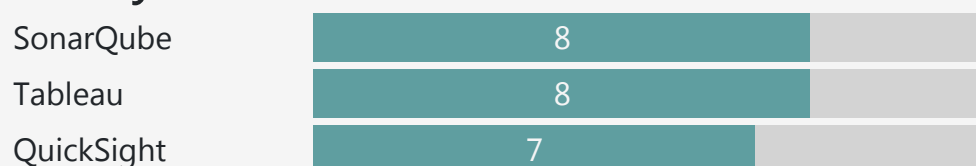
Backend



AWS



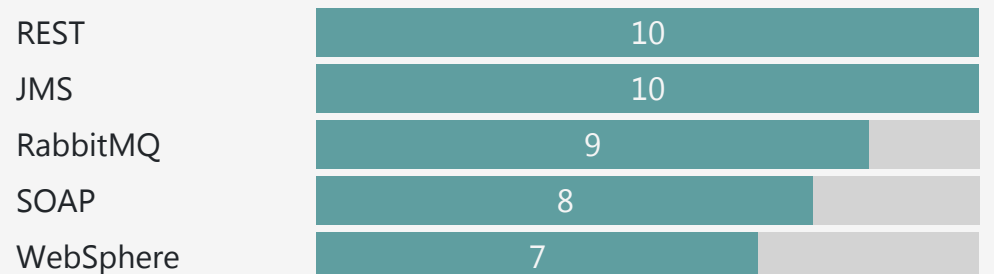
Analysis



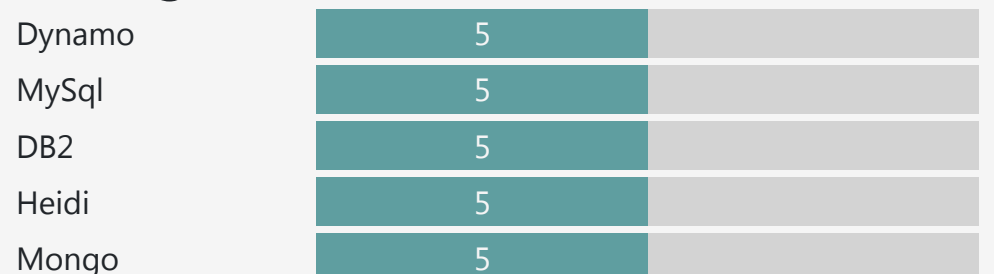
CI/CD



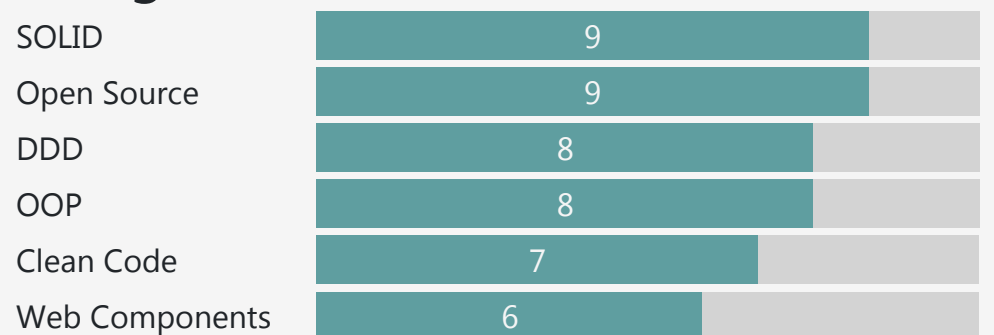
Communication



Storage



Design



Scripting



OS



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
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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)
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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)
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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 NASDAQ Stock ticker and article website 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