

Andrew Bailey

Alexandria, VA

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Passionate developer, devotion to solving problems with engaged co-workers and enthusiastic clients

Experience

Lead Software Engineer - Warehouse Engineering

Stitch Fix

LEAD SOFTWARE ENGINEER, MENTOR

July 2017 - Present

- Lead design, implementation and reliability of several systems to launch Kids business line within warehouses
- Influenced priority of projects based on competing needs. Advocated for business and technology impact of projects
- Developed custom message based OLAP system for warehouse analytics
- Mentored and taught others best practices, paired and helped team members understand our distributed architecture
- Migrated suite of warehouse applications from Heroku to AWS with zero downtime

Tech Lead and Product Strategist

Maga Design

FULL STACK DEVELOPER

Jan. 2017 - June 2017

- Responsible for implementation of all software projects across the company

myUSCIS · United States Citizenship and Immigration Services

Excella Consulting

SENIOR CONSULTANT & SOFTWARE DEVELOPER

Jan. 2016 - Jan. 2017

- Project won 2016 ACT-IAC Igniting Innovation award
- Worked closely with designers and clients to help define project vision and application features
- Gave both high level and technical presentations to CIO and other stakeholders
- Prototyped solutions to demonstrate new technologies and solutions to clients
- Architected and implemented custom libraries for standardizing microservice communication
- Designed and developed custom framework to dynamically create custom 508 compliant form inputs using Ruby on Rails
- Lead technical interviews to potential new junior developers

myUSCIS · United States Citizenship and Immigration Services

Excella Consulting

CONSULTANT & SOFTWARE DEVELOPER

June 2014 - Jan. 2016

- Developer and core team member for myUSCIS my.uscis.gov
- Implemented CI pipelines to blue/green deploy applications to multiple environments/vpcs in AWS

Technologies and Skills

Technology

GO, RUBY, JAVASCRIPT, RABBITMQ, POSTGRES, AWS, OBSERVABILITY & MONITORING

- Quickly learn to use languages and tools necessary to deliver business value
- Define system boundaries and implement services written in Go
- Champion observability & monitoring best practices to ensure systems are running reliably
- Work with team to prioritize and standardize Go best practices across organization

Project Management and Mentorship

DELIVERING HIGH PROFILE PROJECTS ON TIME AND GETTING WORK DONE THROUGH OTHERS

- Work with business partners to define project initiatives, advocate technical approach
- Work with team members to prioritize features, reduce scope where necessary
- Organize, lead and implement system wide tracer bullets to ensure smooth launches

Education

Virginia Tech

Blacksburg, Virginia

B.S. IN BUSINESS INFORMATION TECHNOLOGY

Aug. 2010 - May. 2014

- Pursued coding out of self interest. Joined Excella as an Extension Center student to learn how to develop software.