

# Andrew Bailey

FULL STACK DEVELOPER · ACCOMPLISHED CONSULTANT

Adams Morgan, Washington, D.C.

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

## Experience

### Tech lead and Product Strategist

*Maga Design*

FULL STACK DEVELOPER

*Jan. 2017 - Present*

- Implemented custom static website hosting and dashboard solution
- Refactored legacy application to streamline delivery for Navy Supply
- Provided technical perspective and input for C level meetings and Biz Dev opportunities
- Lead internal effort to create in house solution for digital signage

### 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
- Worked with 18F and USDS in multiple design studios to help define project goals
- Helped architect, develop, deploy and manage multiple Ruby on Rails microservices and libraries
- Implemented CI pipelines to blue/green deploy applications to multiple environments/vpcs in AWS

### CERA · Close Up Foundation

*Excella Consulting*

SUMMER ASSOCIATE & SOFTWARE DEVELOPER

*Sep. 2012 - Feb. 2013*

- Worked on .NET MVC application to help organization manage registrations and clients

## Technologies and Skills

### Backend

RUBY, RAILS, NODE, MONGO, POSTGRESQL, DOCKER, MICROSERVICES, CI/CD PIPELINES, AWS, BASH, GIT

- Architected and developed microservices using best practices and testing strategies
- Implemented strategy for cross microservice communication
- Rapid prototyping with Rails, Travis CI, Heroku
- AWS (cloud formation, ec2, elasticache, rds, s3, dynamoDB, vpc)
- Nginx, Nginx reverse proxy configurations for microservices

### Frontend

REACT, BABEL, GRUNT, ES6, SASS/CSS, VUE, RAPID PROTOTYPING

- Utilized open source Javascript frameworks to enhance front end.
- Implemented custom style guides for projects using Sass
- Built Single Page applications and prototypes using React, Angular & Vue
- Used Latex to build this resume with code

## 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.