

KYLE FELTER

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📍 Arlington, 22203



EMPLOYMENT HISTORY

07/2017
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Present

● Blackstone Technology Group: Associate Technical Consultant

Contributed to a feature rich api written in Go to handle RESTful requests. I integrated multiple technologies including Github, Jenkins, AWS, keycloak and vault. After creating the api I was able to create a mock up UI using angular 2 and typescript. The design of the UI was similar to the aws console. My design was not used but I implemented many of the features and api integrations in a reusable way so when the UI engineers took over they did not have to start from scratch. The api was also security hardened with json web tokens and authorization headers that were passed to the keycloak api.

This was also DevOps position and gave me experience with IaC using terraform and ansible. I wrote ansible roles to install various tools including Consul, Graylog, Nessus, and Bind DNS. Then wrote playbooks to run the roles on our ec2 instances. I also had to take in security requirements and make sure the ansible handled firewall rules and selinux rules.



EDUCATION HISTORY

05/2017

● Virginia Polytechnic Institute and State University: Computer Engineering, Bachelor's Degree

I started out as an Electrical engineer but found myself writing code to solve most of my homework and exams. This lead me to change majors into computer engineering, which focuses on creating practical solutions with software to solve real world problems.



SKILLS & ABILITIES

Go



AWS EC2



AWS Lambda



Angular 2



HTML/CSS/JavaScript



Java



C++



REST API Creation and Integration



Presentation/Demo of Products



Agile



Technical Interview



PROJECTS

05/2018
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● **Encryption Algorithm AWS Lambda: Exclusive Contributor**

This is an interview question that I created and made a solution to. Then in an effort to learn the Lambda and serverless technology, I deployed my solution as an aws Lambda with an api gate trigger.

GitHub: <https://github.com/felts94/Golang-Encryption-AWSLambda>

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Present

● **Product Array AWS Lambda: Exclusive Contributor**

This is a solution to a popular interview question that I ask candidates deployed as an AWS Lambda. The api endpoint takes in an array of integers and returns the product of all the other numbers except itself in an array to the caller of the endpoint.

GitHub: <https://github.com/felts94/ArrayProductSolution-AWSLambda>

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● **CaveRunner: Exclusive Contributor**

This was a senior design project where I created a game called cave runner using JavaScript and the processing.js library.

Website: <https://caverunner.co>

GitHub: <https://github.com/felts94/caverunner>



CERTIFICATIONS & HONORS

07/2017

● **US: EOD Security Clearance**



ADDITIONAL INFO

GitHub: <https://github.com/felts94>