

# Atoshem T. Ghebrehiwet

Software Engineer | Freelancer

(202) 758 - 9493

[atogheb@gmail.com](mailto:atogheb@gmail.com)

Washington, DC

## EXPERIENCE

### Capital One, Washington, DC — Senior Software Engineer

May 2021 - PRESENT

- Develop and enhance a high performing cloud-hosted sensitive-data tokenization Service used across the company
- Develop features for a highly-available caching service using Rust
- Develop and maintain the Interface and Backend API of the tokenization platform
- Contribute in the development of Client SDK in Java and Python to enable efficient use of API
- Create test suite for validating the platform's API using Postman
- Monitor API's infrastructure on AWS using Datadog, Splunk, etc.
- Write technical documentation for using APIs and SDKs to access the tokenization platform

### Leidos, Washington, DC — Senior Software Engineer

NOV 2019 - MAY 2021

- Built customer-facing features for USCIS using Angular and Spring boot
- Built a non-blocking testing suite that tests 50,000 cases in less an hour
- Built and deployed code on Amazon Web Services
- Develop template to deploy microservice on AWS using Terraform
- Containerized and deployed microservices on Openshift Platform
- Led brown-bag session on containerization technology (Docker)
- Mentored Junior Software Developers

### Fannie Mae, Herndon, VA — Software Engineer

JUN 2018 - NOV 2019

- Developed web applications using Angular and Spring boot (Java)
- Decomposed Monolithic Application into microservices
- Improved test performance by Decoupling and parallelizing execution of code on Jenkins
- Automated Tests using Selenium API, Cucumber, Rest Assured, TestNG and Junit
- Restructured application design to enable Blue-Green deployments
- Assisted in gathering business requirements from clients

## SKILLS

- Kubernetes, Openshift
- Amazon Web Services
- Microservices
- Java, Spring boot
- Angular
- ReactJS
- Terraform
- SQL, NoSQL
- Jenkins
- Maven, Gradle
- Python, Bash scripting
- Helm
- Hashicorp Vault
- Splunk
- Prometheus
- Golang
- Ansible

## AWARDS

Leidos Innovation Award - 2020

Fannie Mae Digital  
Accelerator Award - 2019

## LANGUAGES

English, Arabic , Tigrinya and  
Amharic

## PROJECTS

### Entrepreneur Connect — A Web App

Created, dockerized and  
deployed a web app that  
connects potential investors  
with innovators.

## **Freelance, online — *Web Developer***

JUN 2016 - PRESENT

- Develop Wireframes
- Develop web applications using HTML, CSS & Vanilla Javascript
- Manage monthly site updates

## **EDUCATION**

### **University of Virginia, Charlottesville, VA — *Bachelors of Computer Science - GPA : 3.3***

Aug 2016 - May 2018

### **Northern Virginia Community College, Alexandria, VA — *Associates of Mathematics - GPA : 3.95***

Jan 2014 - May 2016

## **CERTIFICATIONS**

- CKAD (Kubernetes)
- AWS Developer (Associate)
- AWS Solutions Architect (Associate)
- HashiCorp Certified: Terraform Associate