

# — Mohammad Foy

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Software Development & Engineering  
M.S. Cybersecurity Major  
B.S. Computer Science Major, Mathematics Minor

## EXPERIENCE

### **Charles Schwab** Lone Tree, CO — *Senior Specialist, Software Development & Engineering*

April 2018 - PRESENT

**Sr. Specialist** - Managed multiple applications and the developers implementing new features to Retirement Business Services organization. Provided guidance and mentorship to new and existing software engineers. Developed UI and backend microservices for Common Integration Services. Implemented application to move files between NAS and S3 locations. Developed endpoints for Firm Management Service, developed Splunk dashboards, and created CI/CD pipelines for applications within the Galaxy team. Utilized DevSecOps for the software development lifecycle.

**Specialist** - Managed and maintained multiple service applications built off of Java, Spring, & Angular. Migrated Escheatment database from teradata to bigquery. Implemented excel like functionality for Reclaim application UI. Built a new full stack application to help manage unrelated business taxable income. Developed CI/CD pipelines with bamboo for applications. Implemented DevSecOps on application development lifecycle.

**Associate** - Modified existing Escheatment application by improving worksheet process & fixed security vulnerabilities. Developed production support UI's for CERS. Co-created common angular libraries in Proget for other Schwab developers to use.

**Internship** - Participated in Schwab hackathon, created an application to help Schwab employees find jobs internally inside of the company. Worked on creating a proof of concept for the Escheatment application.

### **JTOH** Denver, CO — *Web Developer*

July 2017 - August 2018

Developed community websites for Journey Through Our Heritage organization. Worked in group projects to schedule events around the MSU Denver campus.

### **WebAct** Denver, CO — *Web Developer Intern*

June 2016 - October 2016

Created responsive websites that fit desktops, tablets & smartphones. Enhanced search optimization for existing client websites. Designed interfaces focused on improving the user's experience.

## SKILLS

Angular, Spring, NodeJS, NestJS, Bamboo, Splunk, RESTFUL Web services, Full Stack Web Development

## LANGUAGES

Java, Typescript, JavaScript, Python, HTML, CSS, Microsoft SQL Server, mySQL

## Links

**LinkedIn** - Personal LinkedIn profile.

<https://www.linkedin.com/in/shahidfoy/>

**Github** - A showcase of sample programming projects that I have worked on.

<https://github.com/shahidfoy>

## EDUCATION

### **Metropolitan State University of Denver** Denver, CO — *Bachelor of Computer Science*

January 2016 - May 2018

Developed web and mobile applications, learned software development techniques, algorithm development, operating systems, ARM assembly & Databases.

### **Metropolitan State University of Denver** Denver, CO — *Masters of Cybersecurity*

August 2022 - December 2023

Learned how to manage the cybersecurity landscape and how cybersecurity risks and vulnerabilities can be handled with frameworks and foundations like NIST Cybersecurity Framework, NIST Risk Management Framework, etc. Utilized Kali Linux to understand penetration testing, OWASP vulnerabilities, and vulnerability scanning. Implemented policies and procedures for disaster recovery, network security implementation, secure software development lifecycle, and continuous monitoring.