

## Work experience

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### Software Engineer

2017-07 - Present

Capital One

- Full stack engineer on a website that serves over 60,000 customers a day
- React.js + Node.js frontend, golang/Java API's on AWS ECS, MongoDB and Postgress Databases
- Dockerized and rebuilt a CI/CD pipeline in CircleCI and Jenkins that serves over 23 teams of developers and runs thousands of builds, tests, and deployments a day.
- Automated process from code merge to production deploy, enabling the organization to go from 1 release every week to 3 releases a day.
- Built out customer facing features that have been rolled out to hundreds of thousands of customers and is projected to generate 10 million dollars in increased yearly revenue.
- Hold instructional sessions for software engineers across 6 teams on CI/CD and AWS

### Associate Software Engineer

2016-07 - 2017-07

Capital One

- Worked on the open source project Cloud Custodian
- Helped build an automated enterprise process to create and edit AWS security groups used by over 8000 developers. Cutting process timelines from 2 weeks or longer to less than 24 hours.
- Trained colleagues to transition them from legacy roles to learn python and use AWS
- AWS Solutions Architect Certified

### Summer Technology Analyst

2015-06 - 2016-05

JPMorgan Chase & Co.

- Upgraded a legacy program to .NET 4.0
- Refactored legacy Windows Services to utilize ORM framework, increased unit test coverage of code by ~20%
- Wrote IIS Services to automatically manage privileged accounts and reduce cyber-security risk
- Created a .dll to allow applications to take advantage of Windows Impersonation to allow secure password storage

### Software Development Intern

2013-12 - 2014-08

FeneTech, Inc

- Worked with SQL Server, created a Windows service, IIS Web service to automate a process for ERP Software Licensing and also wrote a stand alone WPF application in VB.NET.
- Time savings of over 180 man-hours per year, automated process eliminated mistakes and reduced customer service strain.

### Android Application Development Intern

2013-05 - 2013-07

Wituners, Ltd

- Made flagship android app backward compatible with Android 2.2-4.1 allowing wider outreach to customers

## Education

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### B.S Computer Science and Engineering

2012 - 2016

The Ohio State University