
Summary of Qualifications

- 3 years of experience in designing and developing applications on various types of platforms, especially for the Web.
- Strong problem solving ability developed from working on problems that involved multiple solutions and team discussions.

Work Experience

Software Engineer	Octo	March 2020 - Present
<ul style="list-style-type: none">• Added new features and implemented bug fixes for an undisclosed project.• Wrote unit, integration, and end-to-end tests to ensure no test regression due to newly written code.• Used Micrometer API to add metrics to backend services along with Prometheus and Grafana to allow administrators and engineers to better understand metrics among various backend services.• Implemented and deployed a mock server that mimics ESRI's ArcGIS to help testers to query against mock server in non-production environments.• Wrote a utility in Golang to index Solr documents for metrics-gathering purposes, and to gauge benefits between nested and flat documents.• Reviewed pull requests for team members.• Technologies used: Java, Javascript/Typescript/Node/React, Solr, Git, Docker, Maven, Jenkins, Go, OSGi/Blueprint.		

Developer	Freddie Mac	January 2018 - November 2019
<ul style="list-style-type: none">• Developed an internally-used financial application in Python using Oracle Cloud API to automate the processing of financial data which saved company \$100,000 annually.• Maintained legacy financial applications by implementing bug fixes and new features.• Rewrote parts of legacy applications to remediate security vulnerabilities and performance issues.• Prepared documentations for production deployments, and led meetings to guide deployment plan.• Used best practice for version control (git).• Received Above & Beyond Award (Q1, 2019) for successfully delivering a project with limited timeline.• Technologies used: Java, Python, Struts, Shell Script, SQL, Jenkins.		

Education

Fairfax, VA	George Mason University	January 2016 - May 2018
<ul style="list-style-type: none">• B.S in Computer Science, May 2018.• Undergraduate Coursework: Operating Systems, Databases, Algorithms, Programming Languages, Comp. Architecture, Data Mining, Software Testing, Artificial Intelligence.		

Side Project and Open Source Contributions

- **ddf** (2020). Distributed Data Framework. Contributed by giving code reviews and finding bugs and implementing fixes for bugs.
- **zal.la** (2019). Fullstack web application that mimics behavior of a URL shortener, but with 60-minute time limit and words from dictionary. Javascript, React, Redux, Node.js, Express.
- **gdaw** (2019). Golang client for Godoc.org. Go

Languages and Technologies

- Java, C, Python, Shell Script, Go, SQL, NoSQL, JavaScript, TypeScript, JSON, XML (XSD) Schema
- Maven, React, Node.js, Express.js, Linux, Vim, Emacs, OSGi, Solr, Spring boot, Struts.