

## SUMMARY

Software engineer with over 5 years of professional experience. Track record for optimizing business processes through automation and innovation. Experience working in corporate and startup environments. Performed all roles in development including front-end, back-end, deployment/server management, and interfacing with business. A highly adaptable, passionate learner with a strong work ethic.

## SKILLS

<b>Programming Languages</b>	Java, Golang, Python, C#, JavaScript, PHP, MySQL
<b>Web Development</b>	ReactJS, AngularJS, JQuery, Bootstrap, WordPress, Weblogic, Webpack
<b>Frameworks &amp; Technologies</b>	Springboot, SQLAlchemy, JUnit, Cucumber, REST APIs, Docker, Kubernetes
<b>Tools</b>	Git, SVN, Eclipse, IntelliJ, Android Studios, Jenkins, Postman, Microsoft SQL Server, VSCode, Goland
<b>Operating Systems</b>	Windows, Linux, Mac

## EXPERIENCE

<b>Software Engineer</b> <b>Comcast Freewheel</b>	New York, NY	May 2019 – Present
Golang Microservice Rewrite (May 2019 – Present)		
<ul style="list-style-type: none"><li>Reduced technical debt and ticket resolution times by rewriting legacy <b>C#</b> service using good coding practices</li><li>Independently designed and coded the solution in 4 months, with no prior experience in <b>Golang</b></li><li>Set standard for future microservices by implementing Domain Driven Design and Clean Code Architecture</li></ul>		
Fullstack Developer (May 2019 – Present)		
<ul style="list-style-type: none"><li>Collaborated with a 14 member <b>agile</b> team to deliver features in a timely manner</li><li>Work with a variety of environments and languages, learning required skills on the fly</li><li>Coordinated with local and Beijing teams to relay knowledge and implement cross-service features</li></ul>		
<b>Software Engineer</b> <b>Bombfell (Startup)</b>	New York, NY	September 2018 – March 2019
Payment System Rewrite (September 2018 – March 2019)		
<ul style="list-style-type: none"><li>Saved the company an average of 10% per refund transaction by fixing bug in refund process</li><li>Refactored <b>python</b> code for payment system and implemented test framework to improve code reliability</li></ul>		
Pagespeed Optimization (February 2019 – March 2019)		
<ul style="list-style-type: none"><li>Improved load time and search ranking by increasing Google Pagespeed score by 70 points (out of 100)</li><li>Optimized <b>webpack</b> bundling using commons chunks and compression plugins</li><li>Reorganized page structure and lazy-loaded below-the-fold contents using <b>AJAX</b> and <b>JQuery</b> events</li></ul>		
Security & Authentication (December 2018 – February 2019)		
<ul style="list-style-type: none"><li>Implemented Multi-factor Authentication for internal accounts using <b>totp</b> authentication</li><li>Made accounts more brute-force resistant by implementing <b>bcrypt</b> password hashing</li></ul>		
Bombfell Shop Launch (September 2018 – December 2018)		
<ul style="list-style-type: none"><li>Coordinated with Product Manager, Stylists, and 4 other developers to launch ecommerce shop in 2 months</li><li>Wrote <b>python</b> code to search, sort, and cache shop items based on various filters and user preferences</li><li>Developed multiple <b>React</b> components for shop pages</li></ul>		
Custom Reporting Calendar (February 2019 – March 2019)		
<ul style="list-style-type: none"><li>Improved business utility of reports by designing and implementing custom calendar API using <b>python</b> and <b>SQLAlchemy</b> based on Nation Retail Federation calendar and internally defined reporting periods</li></ul>		

# MAHEDI KAISER

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## EXPERIENCE

### Software Engineer General Motors

Detroit, MI

June 2016 – September 2018

#### Salesforce Rewrite Project (January 2018 – April 2018)

- Rewrote Salesforce APIs as in-house **Springboot** microservices to extend availability of services
- Collaborated with a team of 15 developers and architects to make microservices work together seamlessly
- Wrote comprehensive unit tests & integration tests to ensure code reliability and maintainability

#### Data Setup & Diagnostics Tool (February 2017 – September 2018)

- Cut defect resolution and data setup times by 30% by eliminating bottlenecks in the process
- Collaborated with a single teammate to design, develop & deploy the tool in under 6 months
- Used **AJAX** and self-written **AngularJS** plugins to provide fast, smooth, and intuitive user experience
- Handled all DevOps related tasks including deploying application to **WebLogic**, implementing single sign on, setting up **Elasticsearch** pipeline, and writing cron jobs to manage memory and monitor system health

#### Test Automation (June 2016 – September 2018)

- Responsible for creating automated tests for new Salesforce **REST** APIs using **JUnit** & **Jenkins**
- Improved readability and business utility of unit test results by migrating to **Cucumber**
- Minimized build failures by collaborating with multiple teams to resolve defects

## ADDITIONAL ACTIVITIES

### Founder & Instructor

Bronx, NY

January 2019 – Present

#### Fullstack Engineering Bootcamp

- Developed and taught a comprehensive curriculum for fullstack development at my local community center aimed at anyone interested in learning software engineering
- Mentored a wide range of students ranging from high school to post-college

### 2<sup>nd</sup> Place Winner

Boston, MA

March 2016

#### National Google Hackathon

- Worked with a team of 5 to create an android app to help drive up adoption rates by connecting prospective adopters with foster care children

### 1<sup>st</sup> Place Winner

Bronx, NY

October 2015

#### State-Wide NSBE Hackathon

- Worked with a team of 5 to create a mobile & web solution to connect people who need to give away their pets with prospective adopters with the purpose of keeping them out of kill shelters
- Independently developed a web app for the project using **JavaScript** to dynamically filter & display search results in addition to a second webpage to serve as a demo for the application

## PUBLICATIONS

### Mathematics Researcher & Programmer

Bronx, NY

October 2015 – January 2016

#### CUNY- Research Foundation

- Researched computational optimizations to continuous mean calculations in 5-dimensional sample space with direct application to mapping optimal evolutionary history in phylogenetic trees
- Researched computational complexity of determining similarity between the given network graphs and trees
- Worked intensively with a small group of CS, Mathematics, and Biology students
- Wrote **python** scripts to test proposed solutions
- Published research in the Bulletin of Mathematical Biology and arXiv: <https://arxiv.org/abs/1602.02739>

## EDUCATION

Lehman College | BSc: Computer Science | GPA: 3.8

Class of June 2016

Dean's List (Fall 2014 – Spring 2015)