

# SIRFAME LIN

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Seeking a Software Engineer position to employ my Java and full stack web development skills, as well as to advance and apply my curiosity in AI and ML.

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## Skill Summary

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**Programming:** Java, C#, JavaScript, TypeScript, Python, R, Swift, Go, HTML, CSS, JSON, XML

**Libraries & Frameworks:** React.js, jQuery, AngularJS, Bootstrap, Scikit-learn, Pandas

**Tools:** Docker, Azure SQL Server, MySQL, MongoDB, Redis, JUnit, Protractor, Jasmine, Espresso, Selenium, Git

**Cloud:** AWS (EC2, Lambda), Azure (Functions, App Service, App Insights, IoT, AI + Cognitive Services)

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## Experience

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### T-Mobile

Bothell, WA

#### Software Engineer II

Jan 2019 – Present

- Spearheaded the development of a Skype Bot to serve as an automated Tier 0 IT help desk.  
Tools used: MS Bot Builder Node.js SDK, LUIS, Bot Intelligence Frameworks, Azure, ngrok.
- Improved the intranet home page load time by 85% and increased employee engagement and satisfaction with SPFX.  
Tools used: React, Typescript, Docker, Azure Functions, Azure SQL Server, Azure CICD.
- Developed a secure and reliable data pipeline between two separately federated O365 environments for legally sensitive data and documents, reviewed by the SEC and DOJ.  
Tools used: C#, .NET, Azure Functions, Azure App Service APIs, Azure CICD, MS Flow.
- Designed and created a custom Twitter feed UI and API crawler that pulls tweet data that is not natively available.  
Tools used: C#, .NET, Azure Functions, React, TypeScript, Docker, Azure CICD.
- Created a data pipeline between MetroPCS and T-Mobile sales teams to track high volume promotional sales data.  
Tools used: C#, .NET, Azure Functions, Azure CICD, Docker, MS Flow.

#### Software Engineer I

June 2016 – Jan 2019

- Led the effort to introduce and standardize Azure's function app development as a replacement of console apps.  
Tools used: C#, .NET Framework, Azure Functions.
- Developed an org chart web app that includes frequently requested data used by senior management employees.  
Tools used: C#, ASP.NET Core MVC, Azure Active Directory, Bootstrap.
- Demoed executables to internal stakeholders at the end of each sprint, clearly communicated and explained complex technical processes and solutions to different levels of corporate audiences and how all acceptance criteria were met.

### Concur Technologies

Bellevue, WA

#### Software Engineer Intern

June 2015 – Aug 2015

- Developed an iOS application that allowed users to automate expense reporting using voice commands.  
Tools used: Swift, Xcode, Cocoa Pods.
- Deployed a web server onto an AWS EC2 instance to handle API calls and read and writes to the database.  
Tools used: Node.js, Express.js, Mongoose, MongoDB, REST APIs, AWS EC2, Git, Virtual Box.

## Education

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### University of Washington

Seattle, WA

Bachelor of Science in Informatics; Focus in Information Architecture; Dean's List 2013-2016

Graduated June 2016