SUNGJAE KIM

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Summary

Experienced full-stack software engineer who enjoys software and solutions architecting seeking opportunities on a fast-paced team to help lead and contribute expertise for the growth of the organization.

Education

Bachelor of Science Degree, Computer Science   2013 - 2018
Georgia State University | *Atlanta, GA*

Skills

- **Front-End** | HTML, CSS + Bootstrap, React + Redux, VanillaJS + jQuery, Angular, AngularJS
- **Back-End** | Node.js, C#, Java, SQL, Firebase
- **Databases** | Cassandra, MongoDB, MySQL, SQLite, Microsoft SQL Server, Cassandra
- **Operation** | Docker, Splunk, AWS
- **Testing** | Jest, Enzyme, Istanbul, Mocha, Chai, Sinon, Karate, Gatling
- **Mobile** | React Native, Android Studio (Java), Xamarin (C#)
- **Analytics** | R
- **VCS** | Git, Team Foundation Server (TFS), Visual SourceSafe
- **Basic Knowledge** | Arduino, Assembly, C, GraphQL, PHP, Python, Scala

Experience

Software Engineer II   2019 - Present
Intuit | *Plano, TX*

- To be updated.

Software Engineer I   2018 - 2019
Intuit | *Plano, TX*

- Reduced time spent by Customer Success through the successful delivery of Data Conversion in ProConnect Tax Online built using React + Redux.
- Refactored ProConnect Tax Online to match the One Intuit look & feel - giving users the familiar experience of the Intuit ecosystem.
- Built & contributed Step Flow component to the Intuit Design System (IDS) to accelerate the One Intuit ecosystem.
- Built RESTful APIs using Java + Spring for multiple microservices with automated API tests using Karate testing framework.
- Wrote load & performance tests with the Gatling testing framework using Scala.
- Helped out with Production Support to fix production bugs/issues.
- Successfully delivered Custom Pricing initiative to increase revenue.

Software Engineer Consultant   Fall 2018
Skitter | *Norcross, GA*

- Reviewed new code and provide necessary comments & advices to developers.
- Provided consulting regarding UI architecture.

Software Engineer Intern   Spring 2018
Skitter | *Norcross, GA*

- Built Skitter's TV client platform using React Native from ground up for AndroidTV.
- Built custom key mapping of the remote control using device event emitters.
- Implemented Live TV using HTTP Live Streaming Technology (HLS).
- Wrote custom libraries in Java and JavaScript to bridge vendor libraries written in Java and C++ to React Native.
- Designed custom UI components used within the app.
- Built unit tests for over 90% coverage using Jest, Enzyme, and Istanbul.

Web Development Consultant   Spring 2018
Advanced Claims Technology | *Alpharetta, GA*

- Implemented AngularJS to an existing ASP.NET project.
- Refactored the entire codebase from vanilla JavaScript to AngularJS.

Software Development Co-Op   Fall 2017
UPS | *Atlanta, GA*

- Built predictive data models with historical data to forecast future incoming packages using Triple Exponential Smoothing (Holt-Winters) with R.
- Implemented parallel computation to speed up forecasting by 8x by making use of core clusters.
- Developed prototype for visualizing data for NPT Angular 2 web application to visualize data for base, actual, forecast, and plan using D3.js.
- Implemented drag and drop ability to move change-sets within proposal list of the NPT Application.
- Implemented Golden Layout to allow multi-window layout management.
- Refactored code to increase modularity and reusability by decoupling components.

Software Engineer Intern   Summer 2017
Intuit | *Plano, TX*

- Developed panel used for tax returns in ProConnect Tax Online using AngularJS.
- Built widget to allow accountants to create template requests using React + Redux.
- Set up Normalizr to normalize the incoming data to use in Redux store using.
- Refactored previously built widgets to use Redux.
- Built unit tests for widgets using Mocha, Chai, Sinon, Enzyme.

Software Development Co-Op   Spring 2017
UPS | *Atlanta, GA*

- Worked with the Transportation Technology Group (TTG) to develop inventory tracking using beacons.
- Built native Android application programmed using C# on Xamarin as a beacon receiver.
- Built RESTful API using C# as part of the inventory tracking system used by the receiver application, QR and barcode scanning application, and the UI.

- Built a Map UI using HTML, jQuery, Bootstrap on ASP.NET MVC with filtering and searching feature.
- Improved a driver dispatching ASP.NET project & an inventory management application for Windows Mobile 6.5 from a different team.

Software & Web Development Intern   2016 - 2017
Fyminds | *Atlanta, GA*
- Pollify - Built backend from scratch using Express, Node.js, and MongoDB. Built frontend from scratch using EJS, Bootstrap, jQuery.
- ICHot, TireAccents, ShunDaoGo, OsSpa, LifeArtsCabinetry - Set up and/or maintain WordPress sites for clients & built plug-ins using vanilla JavaScript and jQuery.
- Worktive - Developed native Android application for local job search using Android Studio using a custom API to search for jobs.
- Built Java program to scrap data from indeed.com using the Jaunt library.

Math Instructor   2015 - 2016
Mathnasium | *Norcross, GA*
- Tutored students K-12 in school math and SAT math.
- 1st place math equation competition.

Activities

Next Generation Network (NGN)   2018 - Present
Intuit | *Plano, TX*
- Helped out with acquisition of new talent of new graduates and early career.
- Participated in activities to promote Intuit branding.

UGAHacks   February 2018
University of Georgia | *Athens, GA*
- Built a schedule and note keeping application with an integrated chat for Android & iOS using React Native frontend, Node.js & MySQL backend, and Socket.IO for the chat functionalities.

PantherHackers Tech Committee   2016 - 2017
Georgia State University | *Atlanta, GA*
- Hand-coded kata website to join the PH Tech Committee.
- Built and uploaded local dev environment to GitHub for their current website.

Korean Undergraduate Student Association   2014 - 2016
Georgia State University | *Atlanta, GA*