

## Summary

Passionate Full Stack Java Web Developer with experience using Framework React, Angular, Java Spring Boot, with SQL server to build full stack client-facing responsive web applications

## Experience

**Software Engineer:** Wellmark Blue Cross Blue Shield, *contract*

2020 - present

**Company Project:** Shared UI Component Libraries

- Developed and maintained company-wide shared UI libraries in Angular with material, bootstrap, ng-bootstrap for better user accessibility and responsive web apps
- Built and developed UI Demo Apps in 2 UI component libraries which accelerate design circle by more than 30%
- Created, maintained, and enforced fronted-end code and documentation standards toward shared UI libraries
- Developed internal UI components library that enables Wellmark engineers to demonstrate insurance information
- Created, developed reusable responsive components based on UI design tool such as Invision and Sketch
- Experience with Git workflows and version control, project management to track various aspects of the project
- Experience with CI/CD and automating processes to accelerate UI development circle by 50%
- Enforced ESLint/TSLint rules and solved 100+ linting errors in existing project

**Environment:** Angular, TS, VS Code, Bootstrap, HTML5, CSS3, JSON, Restful web services, GitHub, Git, Agile, Azure

**Personal Project:** Full-Stack Employee Management Web App

- Developed and deployed Full Stack React, Java Spring Boot/Spring MVC, JPA/Hibernate CRUD application with MySQL on AWS S3, Elastic Beanstalk, RDS
- Experience in consuming RESTful Web Services to implement AJAX call, API calls, and updating dynamic functionality of HTML in React and Angular.
- Expertise in developing Web applications using Java, HTML5, JavaScript, CSS3, Bootstrap, AJAX and worked on creating & consuming different formats of data such as on XML and JSON
- Experience in Object Oriented Programming with core Java concept to implement business logic in Maven, Spring framework
- Used Spring framework for dependency Injection and configuration management to add dependent external jars and bundles, run and deploy the application
- Used React features such as Hooks, Context API, Router, useState, useEffect, useReducer to build interactive single page applications
- Experience in writing SQL queries to work with SQL Databases, e.g., MySQL, AWS RDS

**Environment:** React, JavaScript, Java, IntelliJ, VS Code, Bootstrap, HTML5, CSS3, XML, JSON, Spring Boot, Spring MVC, Restful web services, MySQL, MySQL Workbench, Postman, GitHub, Maven, Git, AWS

**Battery Engineer:** Global Graphene Group

2017 - 2019

- Experimented, analyzed, and drafted proposal of novel battery materials toward electric vehicle application

## Technical Skills

### Web Technologies

- JavaScript ES6
- TypeScript
- HTML5
- CSS3, SCSS
- Bootstrap
- XML, JSON
- RESTful API

### Technologies / Languages

- React, JSX
- Angular 9/10/11
- Java
- Spring Boot/MVC
- JPA/Hibernate
- AWS S3, RDS, Elastic Beanstalk

### Databases / IDE Tool

- H2
- MySQL
- AWS RDS
- VS Code
- IntelliJ
- MySQL Workbench

### Others

- GIT
- Lint
- Agile (Scrum)
- Nexus Repo
- Azure DevOps
- Postman

## Education

**University of Houston** - M.S., Material Science Engineering  
**Fu Jen Catholic University** - B.S., Chemistry

Houston, TX 2016  
Taipei, Taiwan