

## Professional Summary

Passionate Java Web Developer with experience using frontend and backend framework such as React, Angular, Java Spring Boot, and SQL server to build full stack web applications. Specializes in building all aspects of user experience and user interface for client-facing responsive landing pages.

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## Experience

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

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

- Developed and deployed full-stack Java Spring Boot, React 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 Maven for dependency 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 working with SQL Databases, e.g., H2, MySQL, AWS RDS, and writing SQL queries

**Battery Engineer:** Global Graphene Group 2017 - 2019

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

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## Technical Skills

### Web Technologies

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

### Technologies / Languages

- React, JSX
- Angular 9/10/11
- Java
- Maven
- Spring Boot
- 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

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## Education

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

Houston, TX 2016  
Taipei, Taiwan