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Kuan-Yi Lee

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Professional Summary

Passionate Java Web Developer with 1 year of experience using frontend and backend framework such as React, Angular, Java Spring Boot, and SQL server to build e-commerce web applications. Specializes in using React, Angular to build all aspects of the user experience and user interface for client-facing responsive landing pages.

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%

Personal Project: Full-Stack Employee Management Web App
- Developed full-stack responsive web application with React front-end, built business logic with Java, Spring Boot, Spring MVC back-end, and store user information in MySQL database
- 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
- Implemented Create, Read, Update, Destroy (CRUD) functionality of employee management app, prefill information for employee data update page
- 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, and writing SQL queries

Battery Engineer: Global Graphene Group   2017 - 2019
- Experimented, analyzed, and drafted proposal of novel battery materials toward electric vehicle application

Technical Skills

Web Technologies	Technologies / Languages	Databases / IDE Tool	Others
JavaScript	React, JSX	H2	GIT
TypeScript	Angular 9/10/11	MySQL	Agile (Scrum)
HTML5	Java	SQL Server	Nexus Repo
CSS3, SCSS	Maven	VS Code	Azure DevOps
Bootstrap	Spring Boot	IntelliJ	
XML, JSON	Spring MVC	Postman	
RESTful API		Jasmine	

Education

University of Houston - M.S., Material Science Engineering   Houston, TX 2016
Fu Jen Catholic University - B.S., Chemistry   Taipei, Taiwan