Sean Chen

Software Engineer seeking new opportunities

Greater Los Angeles Area

LinkedIn: www.linkedin.com/in/sean-chen-5b751a13

sean.chen909@gmail.com

Personal Website: https://chenmeister.github.io/

909 510 0168

WORK EXPERIENCE

Senior Front End Engineer, Blink Charging - May 2022 - Sept 2024 - Remote

- ❖ Built Network Map showing all Blink EV charging stations globally using **NextJS** with **Google Maps API**
  - ➢ https://blinkcharging.com/charge/find-a-charger
- ❖ Developed new features and resolved bugs using **React** with **Typescript/JavaScript** for Blink web portals
- ❖ Incorporated **Okta** Identity and Access Management to Blink web portals for **FedRamp** compliance
- ❖ Integrated **CASL** library for managing user web page **access** and **authorization** on Blink web portals
- ❖ Researched on migrating existing Blink web portals from **monolithic** to **micro frontend architecture**
- ❖ Improved **Bitbucket Pipelines** CI/CD pipeline to include static code analysis with **SonarCloud**
- ❖ Wrote unit tests with **Jest** and **Cypress** to ensure code coverage and expected application behavior
- ❖ Ran **npm audit** tests to ensure all **React** and **NextJS** applications are using secure libraries

Software Engineer, Kaiser Permanente - *June 2017 - May 2022 -* Pleasanton, CA

- ❖ Implemented new features for kp.org Appointment Booking API using **Java** and **Spring Boot**
- ❖ Collaborated with DBA's to create database tables and update stored procedures using **PL/SQL**
- ❖ Reduced technical debt and improved maintainability by fixing **code issues** detected on **SonarQube**
- ❖ Incorporated **Liquibase** for tracking data and stored procedure changes across multiple environments
- ❖ Developed KPATHS Call Center UI and resolved technical **defects** in a timely manner using **Angular**
- ❖ Wrote Unit tests in **Jasmine** for Frontend and **JUnit** for Backend while achieving ~80% **code coverage**
- ❖ Conducted **code reviews** to ensure **defect free source code** meets **acceptance criteria**

Technical Associate, Kaiser Permanente - *July 2015 - June 2017 -* Pleasanton, CA

Established useful technical and business skills through four comprehensive six month rotations within KPIT.
- ❖ Rotation 4 - Cloud Application Services - DevOps Platform and Engineering (Jan 2017 - June 2017)
  - ➢ Integrated **Nexus IQ** and **White Hat** into **Jenkins** for verifying secure application builds
  - ➢ Created **Chef** cookbook to automate provisioning of multiple **Jenkins** shared agents
- ❖ Rotation 3 - Technology Risk Office - Red Team (July 2016 - Jan 2017)
  - ➢ Performed **penetration tests** on web/mobile applications, PCI systems, thick clients, and servers
  - ➢ Successfully exploited DMZ web server using root login and default password with **hydra**
- ❖ Rotation 2 - Shared Analytics - Advanced Technologies Group (Jan 2016 - July 2016)
  - ➢ Parsed SAS logs for CPU/Memory usage, time ran, and product used during specified timeframes
- ❖ Rotation 1 - Application Lifecycle Management (July 2015 - Jan 2016)
  - ➢ Integrated a build and deploy pipeline with **Jenkins** and **IBM UCD** for projects stored in IBM RTC

EDUCATION

California State Polytechnic University, Pomona, *Master of Science in Computer Science*, 2016
University of California, Santa Barbara, *Bachelor of Science in Computer Science*, 2012