

Shijie Zhou

International Plaza 10 Anson Rd Singapore 079903 | +65 8831-9540
shz145@ucsd.edu | <https://github.com/shijiezhou1/>

WORK & LEADERSHIP EXPERIENCE

Way Pacific PTE. LTD

Singapore, Singapore

Java Developer

Feb.2020 – Present

- Applied scalable options React Redux/Thunk, or MobX in React-Native to accelerate the performance of apps.
- Established system knowledge expertise to clients, Customer Managers, product manager, TSCs, etc.
- Provided presales technical consulting to customers, sales representatives, and partners.
- Extensive experience in various databases such as InfluxDB, Postgres, AWS DynamoDB, and MongoDB.
- Developed and maintained IOS/Android thought Kotlin Multiplatform with native components.
- Implemented Bank API connection with the latest technology including ES6/ES7, GraphQL using Apollo.
- Aid in troubleshooting problems and provide effective Native UI test solutions based on UAT and SIT.

Midnight Management Service Group. L.L.C.

Salt Lake City, Utah

Software Engineer

Jan.2019 – Feb.2020

- Assisted in new business development and funnel management activities with a focus on B2B/C marketing.
- Responsible for a continued feature enhancement to our financial support team which processes over 400 million worth of transactions per year, by using EmberJS, React Native/JS, Restifyjs, or RESTful/gRPC tier.
- Consumer Products data analysis including AB testing evaluations, conceptional test over 2,000 hours.
- Prototyped the static illustrator files into Handlebar elements proficiency, and mockup reporting diagrams – PlantUML, Wire Frame, Use Case, Class Diagram, KPI analysis, or QA to the support industrial customers.
- Used Selenium/Katalon Studio, CucumberJS, Mocha, and Sinon to heavily test the quality of each case.
- Performs remote services to technically diagnose and resolve critical issues based on the region of customers.
- Developed DDoS prevention by adding rate-limiting feature based on tokens with leaky bucket algorithm.
- Prepared Business Requirement Documents to provide the scope of the task to technical teams.
- Delivered a high-quality solution to client partnerships from UK, New Zealand, and countries across the world.

Spotlight Home Tours, Inc.

Salt Lake City, Utah

PHP Developer

May.2018 – Dec.2018

- Extensive experience in designing professional UI mobile applications applying TypeScript, React Native, ReactJS, PhoneGap, CordovaJS to enhance expansibilities of application and the user experience of realtors.
- Resolved complex issues relative to forms, tooltips, widgets that support drag, drop, touch, and swipe action.
- Consistently work to achieve and maintain 95% code test coverage and speed performance mobile applications.
- Reduced miscommunication, stale PRs, and lag time before QA review of feature branches, and working with the refactoring of legacy React directives into a modern React Component-based architecture.
- Designed, tested, transitioned, trained, researched, and documented international development teams into web application development by educating them in the usage of JavaScript, SASS, LESS, and HTML/XPATH.

ACADEMIC PROJECT

Telesignalization System - UCSD

Jan 2018 – March 2018

- Implemented Processing/P5JS framework to produce the data visualization and applied OpenCV library in Java.
- Programming an algorithm that is entirely automatic computation of the intimacy levels based on measuring distance and motion detection by camera.

EDUCATION

University of California, San Diego

La Jolla, California

Bachelor of Arts in The Disciplinary Computer & Arts

Sept 2015 – March 2018

- Relevant Coursework: [Programming Structure, Probability & Statistics, System Design]

SKILLS & QUALIFICATIONS

Languages: Java, Python, PHP, Groovy, TypeScript, Html, CSS, Node, MYSQL, Object-C

Library: Express, Vue, React-Native, React, Passport, OAuth2, Webpack, Inversifyjs, Nestjs, GraphQL