

# Shijie Zhou

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## WORK & LEADERSHIP EXPERIENCE

### Code 9, PTE. LTD

Paya Lebar, Singapore

*Sr. Frontend Developer*

Aug.2020 – Present

- Applied scalable options Vue2/3 or Vuex to accelerate the performance of Web application and collaborated with business stakeholders on business requirements and delivered demonstration to tech lead.
- Designed mobile and desktop solutions for Safari/Chrome/Firefox/Explorer 9+ and older browser support.
- Helped team to build and introduce clients to automated delivery pipelines (CI/CD) and including Server setup.
- Supported clients in troubleshooting issues in their production and business logic.
- Developed conceptual wireframe, visual mockups and prototypes (Figma and Zeplin) for Web Applications.
- Presenting case studies and cloud architecture solutions at team to reduce 50%-time loss of the deployment.

### Midnight Management Service Group. L.L.C.

Salt Lake City, Utah

*Software Engineer*

Jan.2019 – Feb.2020

- Extensive experience in cloud deployment templating using Google Deployment Manager, Kubernetes Config, and Ingress scripting solution.
- Consumer Products data analysis including AB testing evaluations, conceptional test over 2,500 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 use 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 the leaky bucket algorithm.
- Distributed to software providers host and combination of servers, and databases to create the applications.
- Delivered a high-quality solution to client partnerships from UK, New Zealand, and countries across the world.
- Extensive experience in various databases such as InfluxDB, Postgres, AWS DynamoDB, and MongoDB.

### Spotlight Home Tours, Inc.

Salt Lake City, Utah

*PHP Developer*

May.2018 – Dec.2018

- Constructed SaaS provider and fueled demand for SaaS including cloud computing and edge computing, IoT devices, collaboration technologies with the social media platforms.
- Converted company from IaaS (infrastructure as a server) to PaaS (Platform as a service) to lower the cost to build the infrastructure without requiring up-front capital from the company.
- Consistently work to achieve and maintain 95% code test coverage and speed performance mobile applications.
- Experienced with ansible skill sets which deploying multi-tier apps with automated workflows and provisioning to make orchestrating task simpler to the developing team.
- Worked on diversified cloud platforms consisting of Databases and CICD, Logging, and Monitoring tools. Such as Prometheus, Ansible, Grafana, and Puppet.

### The Worldview Project

San Diego, California

*PHP/Web Developer*

June.2017 – June.2018

- Performed and developed large validation forms using HTML5, CSS3, JavaScript, JQuery, AJAX, JSON.
- Extensive experience in designing and implementing various web applications in both WAMP (Windows, Apache, MySQL, PHP), LAMP (Linux, Apache, MySQL, PHP) environment.
- Designed and built Object-Oriented Programming, Data-Driven JavaScript working prototypes of web applications. Boosted performance of websites by creating Test (JUnit, JMeter) with log information.
- Extensively used JavaScript to a provide dynamic User Interface and for the client side validations.
- Understood of common functional design patterns, algorithms, npm, ES6, Ejs, JSX, node.
- Experienced worked on the full stack of web developing tools to create GUI using JQuery and AJAX methods.
- Used Rally for tasks tracking and follow up with user stories and used Git/Github for Version Controlling.
- Implemented business logic with solid PHP scripts to interface with a MySQL database.

## 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, Business Model Design]

## SKILLS & QUALIFICATIONS

**Languages:** Node, PHP, Python, Groovy, TypeScript, Html, CSS, MySql, Object-C

**Library:** Gradle, Git, Jenkins, Docker/Docker Swarm, Kubernetes, Webpack, Consul, Supervisor, PM2, Nginx/Apache