

Shijie Zhou

97 Jalan Dua #07-24 Singapore 390097 | +65 8887 8950
shijiezhou03@gmail.com | <https://github.com/shijiezhou1>

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, Webpack, Consul, Supervisor, PM2, Nginx/Apache, WebGL