Shijie Zhou

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WORK & LEADERSHIP EXPERIENCE

Midnight Management Service Group. L.L.C.   **Salt Lake City, Utah**
Software Engineer   Jan.2019 – Present
- Responsible for continued feature enhancement to our financial support team which processes over four hundred million worth of transaction per year, using Emberjs, Babeljs, Restifyjs, on top of a Nodejs RESTful/gRPC tier.
- Prototyped the static illustrator files into Handlebar elements proficiency, and mock up most of the diagrams – PlantUML, Wire Frame, Use Case, Class Diagram, and Scene interaction with Visual Paradigm.
- Used testing tools/framework - Katalon Studio, Cucumberjs, Mocha and Sinon that ensure the quality of scripts
- Developed DDos prevention by adding rate limiting feature based on token with leaky bucket algorithm.
- Deployed the NGINX ingress controller in Kubernetes cluster to round robin mode as the load balancing mode.
- Utilized Agile/Scrum methodologies through weekly sprint planning, feature spikes and constructive code review throughout PR review processes.

Spotlight Home Tours, Inc.   **Salt Lake City, Utah**
PHP Developer/UI Designer   May.2018 – Dec.2018
- Developed responsive iPad/iPhone-centric applications with cross-browser compatibility.
- Designed the Enhanced entity-relationship (EER) and Relational Schema Diagrams for Databases - Postgres
- Consistently work to achieve and maintain 95% code test coverage and speed performance applications.
- Reduced miscommunication, stale PRs, and lag time before QA review of feature branches, and working with 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 correct usage of JavaScript, SASS, LESS, and HTML/XPATH.

The Worldview Project   **San Diego, California**
PHP/Web Designer   June.2017 – June.2018
- Performed and developed large validation forms using HTML5, CSS3, JavaScript, JQuery, AJAX, JSON.
- Directed front and back-end developers on platform redesign with best practices of unified experience on desktop, tablet and mobile.
- Ensured cohesive experiences within site ecosystems for faster development opportunities and a branded house of products.
- Extensive experience in designing and implementing various web applications in both WAMP (Windows, Apache, MySQL, PHP), LAMP (Linux, Apache, MySQL, PHP) environment.
- Helped shift behavior from print to paperless book/Ebook 150% increase in users activating paperless.
- Re-branded website, sales and marketing materials to help boost revenue from 15% to 35%.
- Documented user flows and competitor benchmarking for strategic analysis of the marketplace.

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 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 Language Structure, Probability & Statistics, System Design]

SKILLS & QUALIFICATIONS

Languages: Java, Python, PHP, Groovy, TypeScript, Html, CSS, JavaScript, SQL
Library: Express, Vue, Ember, React, Passport, OAuth2, OpenID, Webpack, MongoDB, Inversify, TypeOrm, GraphQL