liuzizuo@gmail.com

Zizuo Liu

770 999 9996
San Jose CA

Objective: SEEKING FOR SOFTWARE ENGINEER POSITION.

- 5+ years web developer; 4+ years full stack developer; 2+ years tech lead
- HTML5, CSS3, Javascript/JQuery, Nodejs/ExpressJS, Bootstrap, Dustjs/Ejs, BackboneJS/ Angularjs, Less/Sass, AWS, Responsive Design, Cross Browser Support, Accessibility.
- Java, Spring MVC/Boot/Data/Cloud, Maven, Tomcat, RabbitMQ, MongoDB, Docker, IntelliJ.
- Multithreading, Concurrency, Sharding/Replica, Distributed System, GFS/HDFS, Bigtable HBase, MapReduce, SQL, NoSQL, Memcached, Cassandra, Redis, Kafka.
- Git/Github/Gitlab, Rally, Jira, Slack, Agile Development, Continuous Integration/Delivery.

Education

| University of Southern California | Master of Computer Science | GPA 3.8 | 05/2012 |
| Shanghai JiaoTong University | Bachelor of Electrical Engineering | GPA 3.6 | 05/2009 |

Professional Experience

Software Engineer at Techbow LLC, Santa Clara CA   Jan 2015 – Present

Tech Lead for Project: Location Tracking System

- Designed and implemented backend services using MicroServices architecture. Developed the system using Java, Spring Boot/Data/Cloud, Maven, Tomcat, RabbitMQ, MongoDB, Docker, HTML, JavaScript, Bootstrap. Used Maven to manage dependencies. Used Git as source code version control. Used Rally as Sprint Planning. Used Jira as bug tracking.

- Developed client side dashboard to integrate with backend using HTML5, CSS3, Javascript, BootStrap, Restful API. Implemented server side REST APIs such as location updater. Incorporated RabbitMQ as message broker to decouple back-end services. Used in-memory database for development and Persisted data to MongoDB for release.

- Incorporated Netflix Eureka as service registration and discovery, automated system replica, increased the scalability, performance and robustness. Incorporated Netflix Hystrix as circuit breaker to monitor the system and improve the stability of Location Service comprehensively. Dockerized the whole system and continuous deployed applications to embedded Tomcat in automated fashion.

Web Developer for Techbow new website

- Designed and implemented the core modules of user profile, course video management and register/login in MVC design pattern using MEAN Stack.

- Drastically optimized page load time 50% faster by refactoring Javascript/CSS/HTML codebase, reducing request times, caching, minification, lazy loading, pre-fetching.

- Cut down development cycle time at least 20% by using Docker for configuration and deployment, and using continuous integration/deployment automation on heroku.

Mentor for new employee and student

Software Engineer at Paypal, San Jose CA   Jun 2012 – Jan 2015

- Collaborated with project manager, designers and QAs to develop efficient, flexible and reusable user interface components for new Paypal mobile dedicated website.

- Implemented the new Paypal responsive website with focusing on wallet module, send money flow, notification feature. Refactored codebase to use new version bootstrap.

- Implemented embedded mobile web page for native app (both android/iOS) by JS bridging and adaptive design. Developed and customized server side Restful APIs using Java, Spring, JSP, Maven, Tomcat, Eclipse. Tested with postman on QA stages.