Yi Zhao

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Professional Experience

04/2020 – Present
Full Stack Developer
Samsung SDS America – Ridgefield Park, New Jersey, United States
- Working on Samsung's Contact Center Application
- Developing and maintaining web application using Angular 7, SASS, TypeScript in JavaScript, HTML and CSS.
- Working on it's back-end server in Java using Spring Boot, Spring Data, and MySQL.

01/2019 – 03/2020
Application Developer
ADP Inc – Parsippany, New Jersey, United States
- Contributed to development of ADP Workforce Now as a Full Stack Developer.
- Developed web application using wide range of technologies, legacy to latest, including React, SASS, jQuery, JSP, and Dojo, in JavaScript, HTML and CSS.
- Designed and developed back-end server in Java using Spring Boot, Jersey, Hibernate, Kafka, and Oracle.
- Worked in marketplace API team - One of the most used features in ADP Workforce Now, providing data bridges internally to other ADP services and externally to clients and partners.
- Designed uniform data transfer contract, coordinating multiple services' requirements and restraints.
- Defined data transmission protocol to non-standard services.
- Provided reliable APIs with data validation and on failure roll-back.
- Analysed performance of existing API and provided optimized solution by merging DB transactions, removing redundant queries and fine-tone SQL queries.
- Developed React Webpack plugin to enforce company's coding conventions.

05/2017 – 08/2017
Software Engineer Intern
Menusifu Inc – Manhattan, New York, United States
- Designed and implemented a web-based application using JavaScript, Angular 2, HTML, CSS, and Ionic Cordova for iOS/Android.
- Used Angular 2.0 to implement Single Page Application using Modules, Components, Services, and Routes.
- Interacted with back-end services by utilizing Representational State Transfer (RESTful).
- Implemented and optimized the algorithm connecting the backend to MongoDB and Redis using Spring Data.
- Implemented the backend using Java Sprint Boot.

Education

- **Stevens Institite of Technology**
  Master of Science, Computer Science, 2016 – 2018
- **University of Electronic Science and Technology of China**
  Bachelor's degree, Computer Software Engineering, 2012 – 2016

Honors & Awards

- Silver Medal at The 12th UESTC Programming Contest Final – 2012
- The ACM-ICPC Asia Region Programming Contest Bronze Medal – 2013