TIAN(JOJO) YANG

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PROFESSIONAL EXPERIENCES

Software Engineer   June 2019 - Present
Citrix System   *Santa Clara, CA*

API Gateway Configuration Management

· Implemented API Gateway which acts as the single entry point for APIs and ensures secure and reliable access to multiple APIs and microservices in the system using **React** and **Redux**
· Designed and implemented stylebooks for configuring API Gateway configuration and API Security policies
· Built Restful API for supporting feature of applying policies(ratelimit, authentication, Bot, etc) to the deployment using **swagger**, **python(flask)**
· Containerized API Gateway and deployed it on **k8s** running on **AWS EC2** instance using **helm chart**
· Redesigned API to improved average response time from **3.1s** to **2.3s** by using **asynchronous process**
· Automated 65 test cases for API Gateway use cases in positive and negative scenarios
· Implemented GraphQL API for API Analytics, which allows user to monitor API instances and endpoints served by an API Gateway using **python** and **PostgreSQL**

Software Engineer Intern   Jan. 2019 - May. 2019
Specifio Inc.   *Los Angeles, CA*

Pattern Drafting Process Automation

· Implemented patent documents proofreading feature, which extracts, lemmatizes noun phrases, analyzed part-of-speech(POS) tags and identified potential errors by utilizing **spaCy** and **StandfordNLP**
· Built RESTful APIs for Patent Proofreading, dockerized and deployed microservices-based applications to**AWS EC2** via **Jenkins pipeline**
· Extracted 37 formatting options from a user provided example Microsoft Word document and used this to generate a patent document which follows user's writing style **java** and **aspose API**

Software Engineer Intern   May 2018 - Sep. 2019
Specifio Inc.   *Los Angeles, CA*

Homepage Design and Performance Enhancement (https://specif.io)

· Designed and Implemented a responsive website (such as landing page, feature page, etc) for various devices from iphone to desktop by **GatsbyJS**
· Solved cross browser compatibility issues, minified files and decreased loading time about **50%** by **Modernizr polyfill.io**, and **Webpack**

SKILLS

Programming Languages	JavaScript, Python, Java, HTML, SQL, Scala, C++
Web Development	React.js, node.js, Spring, Django, Flask, PostgreSQL, MongoDB, MySQL
Big Data	Hadoop, Spark, AWS, Azure
Tools	Kubernetes, Helm Chart, Docker, Jenkins, Nginx, Git, Maven, Jenkins

EDUCATION

University of Southern California, Los Angeles   Aug 2017 - May 2019
Master of Science, Computer Science   *GPA: 3.81/4*
Xidian University, Xi'an, Shaanxi, China   Aug 2013 - July 2017
Bachelor of Software Engineering   *GPA: 3.76/4*