

Jingxuan Tang

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Skills

Programming Languages: Java, JavaScript, Python, SQL

Web & Database: Spring, Spring Boot, Maven, Hibernate, JPA, Thymeleaf, Node.js, Express.js, React, HTML5, CSS3, JQuery, Bootstrap, MySQL, Oracle SQL, Redis, MongoDB, AWS, Azure, Heroku

Framework & Tools: JUnit, Mockito, Jasmine, Jest, Git, Jenkins, Jira, Tableau, Kafka, Yarn, Webpack

Professional Experience

Ernst & Young San Antonio, TX, United States

■ **Backend Engineer** Jan 2020 - present

- Implemented a web application and RPA solution to support financial reporting, accounting rules management, financial reconciliation, and machine learning based preventive controls.
- Created RESTful APIs and microservices in **Java** using **Spring Boot** and **Kafka** for scalability.
- Designed the DAO layer, integrated with different components, including **Hibernate** and **JPA**.
- Deployed application on **Azure** and cache specific data in in-memory data clusters using **Redis**.
- Optimized system security detecting level by using Spring Security Authorization Framework and JWT.
- Involved in adding new tests and maintaining existing code base, finding bugs and managing test cases.
- Headed the onboarding project and helped new members of the team for a smooth transition in the team.

Cerner Corporation Kansas City, MO, United States

■ **Software Engineer** Jul 2019 - Sept 2019

- Built a web application by **Java**, **Spring Boot** and **MySQL** for product usability testing management.
- Drafted and implemented RESTful APIs and completed unit testing using **Junit** and **Mockito**.
- Worked with **Git** for version control, **Jira** for issues tracking and **Jenkins** for building continuously.

Chinese Academy of Agricultural Mechanization Sciences Beijing, China

■ **Engineer** Jul 2014 - Jun 2017

- Established and implemented PLC and HMI control programs for use on industrial equipment.
- Provided timely resolution and troubleshooting of technical issues and support related to maintenance.
- Developed entirely new components with control algorithm for self-innovation products' control system.

Projects

Personal Blogging Website (<https://www.jingxuant.blog>) Sept 2020

- Achieved a full-stack blog application using Java, Spring Boot, Semantic, JPA, Thymeleaf and MySQL.
- Worked with Markdown for editor, MD5 for cryptographic hash function and Interceptor for security.
- Established homepage for visitor and dashboard interface provided to the administrator for maintaining.

TravelGo (Full-Stack, Node.js, React, Heroku) May 2020

- Produced a Travel-Sharing website for travel enthusiasts to share, rate travel experiences and routes.
- Modularized project into separate pieces, including routes, session authentication and database models.
- Embed map for placing markers using Geocoding, Marker Clustering and GeoJSON.

Education

University of Missouri Columbia, MO, United States

M.S. in Computer Engineering GPA: 3.96/4.0

Aug 2017 - May 2019

The Curator's Scholarship (2019)

China Agricultural University Beijing, China

B.E. in Electronic Information Engineering GPA: 3.10/4.0

Sept 2010 - Jul 2014