

Zhong Zheng

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Full-Stack Java Software Developer, with a Bachelor of Science degree in Computer Science from the New Jersey Institute of Technology and a graduate of the SMU Java Spring BootCamp. Adaptable to dynamic work environments and capable of delivering exceptional results by leveraging a solid understanding of data structures and algorithms. Passionate about tackling challenging projects and making a meaningful impact. A proactive team player excels at problem-solving and thrives on delivering superior performance.

SKILLS

Languages & tools: Java, JavaScript, C++, SQL, GitHub, Docker, Kubernetes, Maven

Methodologies: Agile, Scrum, Kanban, Test Driven Development.

Web Frameworks: Spring, Spring Boot, MVC, Microservices, Hibernate

Testing Tools: JUnit, Mockito, Spring Test Framework

Frontend: HTML5, CSS 3, JQuery, Bootstrap, ReactJs, Handlebars

Backend: MySQL, MongoDB, Express.js, Node.js, Heroku, Restful API, GraphQL, Apollo, JSON

EDUCATION

Bachelor of Science, Computer Science | New Jersey Institute of Technology | Newark, NJ | 2011

Certificate, Java Spring Backend Bootcamp | Southern Methodist University | Online | 2022

Certificate, Full Stack Web Development | the University of Pennsylvania | Philadelphia, PA | 2022

PROJECTS

E-commerce Store Microservices | [GitHub Repo 1](#) | [GitHub Repo 2](#) | [Registry](#)

Solo designer and developer

- Back End: Java, Spring, SQL, Microservices, Eureka registry, Docker, Heroku.
- Implemented microservice architecture, ensuring exceptional scalability and fault tolerance.
- Deploy Eureka registry for automatic registration and discovery to improve scalability and load balancing.
- Containerized with Docker and deployed on the cloud platform Heroku for optimal performance.

REST API Inventory Service Application | [GitHub Repo](#) | [Frontend](#) | [Backend](#)

Project Manager and Java Engineer (Team of 3 people)

- Full-Stack: Java, Spring, SQL, JPA, React
- TDD of a persistent REST API using Spring JPA, Implemented a service Layer and controller to mutate SQL database
- Full unit testing completed with mocking. Implemented controller advice to handle exceptions.
- Exercised agile techniques (sprints) to track application milestones and increase efficiency. Utilized Jira kanban board.

Real-Time Chat App| [GitHub Repo](#) | [App page](#)

Project Manager and lead Programmer (Team of 4 people)

- Full-Stack: MERN, React, JavaScript, Socket.io, GraphQL, Apollo, Bootstrap
- Developed a full-stack online chat application enabling real-time exchange of text messages between multiple users.
- Utilized MongoDB and Apollo GraphQL to develop a persistent database. Use Socket.io to achieve real time communication.

WORK EXPERIENCE

Pennsylvania Liquor Control Board

2017 - 2022

Liquor Store Assistant Manager

Philadelphia, PA

Supervising and operating one of the busiest state own Liquor stores in Philadelphia.

Key Accomplishments:

- With my leadership, the store has achieved an annual sales figure exceeding 7 million dollars and has sustained a growth rate of 10% per year for the past three years.
- As a team leader, I managed a group of 14 clerks who delivered exceptional service to hundreds of customers and facilitated the sale of thousands of products on a daily basis.
- Promoted from part-time clerk to assistant manager within three years due to outstanding work performance and customer service skills.