

# Tao Zhang

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Software engineer specialized in backend development with ten years of experience in designing and implementing scalable and robust systems.

## TECHNICAL SKILLS:

Strong:

Java, Kotlin, JUnit, TestNG, Spock, Gradle, Maven, TDD, BDD, Git

Knowledgeable:

TypeScript, Python, Go, JavaScript, Groovy, Spring, Docker, Rest-Assured, Bash, SQL, Jenkins

## PROFESSIONAL EXPERIENCE:

### Riot Games

Video Game and Entertainment

**Los Angeles, CA**

*Software Engineer*

March 2021 – Present

Worked on identity and user info related backend services (OAuth2, OIDC, etc.)

Tech stack: Golang, Kotlin, Gradle, Guice, Java, Maven, TypeScript, JavaScript, Node.js, Express, OAuth 2.0, OpenID Connect, Docker, Terraform, AWS, New Relic, MySQL, Liquibase, Python, Locust, Git

### EPAM Systems

Software Engineering Service

**Newtown, Pennsylvania** (work from home at Los Angeles)

*Software Engineer*

Nov 2020 – Feb 2021

Worked on a Portfolio Optimization project (Axioma integration) for Edward Jones.

Tech stack: Java 11, Spring Boot, Apache Spark, JUnit 5, Mockito, Gradle, Git, Jenkins, MongoDB, DB2, Kubernetes, Splunk

### Masimo Corporation

Medical Device

**Irvine, CA**

*Engineer, Advanced Software Automation*

Sep 2020 – Nov 2020

Built a Java automated test platform with multiple utilities and libraries to support medical device testing.

### Aura Financial Corporation

Financial

**Encino, CA**

*Software Engineer*

May 2017 – Aug 2020

Built a Java Spring with Java, Groovy, Bash, Spring, Spring Batch, Gradle, SQL, Python, JavaScript, Git, IntelliJ, Jenkins.

**Dynata (formerly Survey Sampling International)**

Market research and sampling

**Encino, CA**

*Software Engineer*

Oct 2015 – Apr 2018

Built a Java Spring Boot application to manage on-demand Data Migration, which is used to maintain data integrity and data synchronization between Survey Builder (an app from SSI) and Samplify (an app from Research Now) after the merger of the two companies.

Created and maintained an in-house testing framework called Tzatziki, which was used by all IT Engineering teams (backend, frontend, mobile) for functional and performance tests.

Significantly decreased release time by designing extensions for an existing testing framework, which provides automated functional testing for APIs and GUIs with the reporting dashboard.

**Fox Corporation (formerly 20th Century Fox)**

Secure content delivery system, digital asset management

**Los Angeles, CA**

*Consulting Software Engineer in Test*

Feb 2014 – Oct 2015

Architected and designed the first unified Selenium WebDriver based testing framework at the EMF division. This framework significantly increased developer productivity and was eventually adopted successfully by other divisions.

**EDUCATION:**

[Aug 2011 – May 2013](#)

**Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia**

Master of Science - Industrial and Systems Engineering