

Shuai Zheng

PROFESSIONAL SOFTWARE ENGINEER(JAVA, DOTNET C#, ANGULAR, REACT, REACT NATIVE, DEVOPS) WITH 5 YEARS EXPERIENCE

New York City, United States

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Skills

- Skills: Expert**, Java Spring Boot & Python & .NET Core & Angular & Redux & Dva & React & React
Code Native & MySQL & RabbitMQ & Elastic Search & Latex & HTML5/CSS3/JS & Docker & Cloud Foundry
& Kubernetes & AWS
- Skills: Expert**, Web Development, Mobile Development, Quantitative Investment, Embedded
Tech System, Database, Mac/Linux/Win, Spring Boot, Spring MVC, Hibernate, Mybatis, CI/CD pipeline

Education

University of California, Irvine

U.S.A

B.S, COMPUTER ENGINEERING

2014/09 - 2017/09

- Dean Honor Lists
- Awards: Excellence in coding

Duke University

U.S.A

M. ENG, ARTIFICIAL INTELLIGENCE

2022/08 - 2023/09

- Courses focus on the Computer Science, AI, and Fin-tech

Experience

Nomura

Shanghai/New York

ANALYST, INFORMATION TECHNOLOGY

Nov. 2021 - Aug. 2022 / June 2023 -

Present

- Working on the FRTB, PLA project with the big data technology including deal data with spark
- Led cloud migration of **Java** IRC models from on-premises to **AWS**, leveraging **Jenkins** for automated provisioning and deployment
- Successfully migrated CRM models to NPC, implementing **MapR** for efficient result storage and retrieval

Option Care Health, Inc.

U.S.A

SOFTWARE DEVELOPER

March 2020 - Nov. 2020

- Developed and deployed iOS applications using **Swift** and **Objective-C** for enterprise in-house distribution
- Enhanced web applications (intake, indexer, inboxer) using **Angular** and **Spring Boot**, improving functionality for in-house use

American Airlines, Inc.

U.S.A

CLOUD DEVELOPER

June 2018 - March 2020

- Modernized key sections of aa.com using **Angular SPA**, focusing on responsiveness, accessibility, and user experience
- Developed a reusable **Angular library** of components for cross-team use, implementing **Jenkins pipeline** for automated deployment
- Integrated **Java Spring Webflux/Angular elements** into legacy **Java SpringMVC/JSP** pages, enhancing system capabilities
- Architected **SOAP/REST** microservices using **Container to Container** and **Java Spring Cloud**, with **Splunk** for logging
- Implemented **blue-green deployment** scripts and **auto-scale** policies using **Cloud Foundry**
- Practiced **TDD** and developed automation tests using **Selenium/Protractor**

Siminsights, Inc.

U.S.A

SOFTWARE ENGINEER

Nov. 2017 - June 2018

- Developed RESTful APIs using **Java Spring Boot** and **Hibernate**, interfacing with MySQL databases