

# WEIHAN ZHENG

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## KEY SKILLS

### Programming Languages

Scala  
Python  
Kotlin  
C#  
Java  
Javascript/Typescript

### Frameworks/Libraries

Lagom/Akka Framework  
Play Framework  
Angular  
Pulumi  
Helm  
Flask

### Others

Certified Scrum Master

## WORK EXPERIENCE

### ARBO WORKS (Current)

Singapore, SG

#### Cloud Architect/Software Engineer

Nov 2021 - Current

- Responsible for cloud platforms, including architecture, design, tooling, deployment, security, logging, and monitoring
- Familiar with GCP, Kubernetes, Pulumi, Helm, Typescript, Python, Bazel, and Bash

### STASHAWAY (ASIA WEALTH PLATFORM PTE LTD) (2 years)

Singapore, SG

#### Staff Software Engineer (Backend)

Jul 2021 - Oct 2021

#### Software Engineer (Backend)

Jul 2019 - Jul 2021

- Developing for a Scala/Akka-based eventsourced architecture stack handling millions of events a day across ~10 microservices
- Maintain other ancillary backend systems in Python and Kotlin
- Familiar with AWS, Kubernetes, Kafka, Cassandra, PostgreSQL, MongoDB, ELK, and Airflow
- Responsible for developing and refactoring backend systems for new features and enable higher scalability (4.3x growth/year) as well as scaling it to 5 countries (so far)
- Support ops in automating routine tasks and workflows related to banking, KYC and AML tasks

### HACKWAGON ACADEMY (3 years)

Singapore, SG

#### Instructor

May 2019 - May 2021

- Instructor for data analytics classes
- Teaches basic intro class to Python and advanced data analytics in Python class
- Consistently highly rated above 9/10
- Participate in course reviews to improve class syllabus

### GIC PRIVATE LIMITED (2 years)

Singapore, SG

#### Associate (Technology)

Jul 2017 - Jul 2019

- Part of Graduate Professionals Programme 2018, rotating through both front and back office
- Working in technology team supporting Private Markets Mid/Back Office as a full-stack developer
- Leading a sub-team of 5 as technical lead in building out new transactional system
- Interacting with users and find solutions and features, and prioritise them for development
- Working mainly in C#/ASP.NET Core stack, with some experience using Java
- Worked with Xamarin Mobile technologies and built a cross-platform Android/iOS application
- Scraped data and build real estate models with Python, SciPy and GDAL

### GOLDMAN SACHS (10 weeks)

Singapore, SG

#### Summer Technology Analyst

May 2016 - Jul 2016

- Internship with GS Technology, Operations Technology Department
- Technology Used: Java, Apache Hadoop, Apache Spark

### W.S.C SPORTS TECHNOLOGIES (6 months)

Tel Aviv, IL

#### Software Developer Intern

Jul 2015 - Dec 2015

- Involved in development of front-end of companies' cloud-based products using web technologies
- Gained proficiency in web technologies like HTML5, CSS, Javascript and frameworks like ReactJS
- Worked extensively with RESTful services to build front-end products
- Products are currently being used by sports leagues, like NBA and broadcasters, like BT Sports

## EDUCATION

### NATIONAL UNIVERSITY OF SINGAPORE

Singapore, SG

#### Bachelor of Computing (Computer Science, Honours with Highest Distinction (FCH))

2012 - 2017

#### and Bachelor of Business Administration

- *Academics* : Part of University Scholars Programme, selective programme admitting only 3% of each cohort
- *Honors* : Dean's List (top 10%, 2013), NUS Business School Study Award (Academic Scholarship, 2013), Bloomberg Institute Hall of Fame (top 5 Bloomberg Aptitude Test (BAT) performers in Asia, Dec 2013)

## ADDITIONAL

*Open Source* : Contributed to project, *Socket.io*. Built *Socket.io* developer tool, available on Chrome webstore

*Interests* : Basketball, jogging, and reading

*Last updated: Mar 2022*