

# Spas Zahariev

## Software Engineer

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## About Me

Hard-working backend developer passionate about design patterns and finding elegant solutions. Looking for opportunities to learn new technologies and build scalable systems.

## Experience

- **JPMorgan Chase** Sep 2019 - Present
  - **Java** and **React** Software Engineer developing internal applications for risk management.
  - Collaborated with senior devs to design our architecture around components from other teams and then implemented the necessary message queues, topics, and table schemas
  - Optimised a critical process that needs to publish 150,000 messages per hour. Reduced message generation time from 30 minutes down to 5 by preparing a buffer of messages in advance and publishing concurrently.

**Music Playlist Website** Jan - Apr 2020  
Designed and deployed a responsive **React** web app for collaborative music playlists. Users need to be synchronised so a **Python** backend, hosted on Heroku, broadcasts the latest updates via socket connections.

**JPMorgan Chase**  
**Technical Analyst** Jun - Sep 2018  
Planned and built an **Angular** dashboard for managing hundreds of automated test suites.

## Education

**University of Southampton** 2016 - 2019  
Bachelor of Software Engineering  
Graduated with First Class Honours

**Software University Sofia** Jan - Apr 2016  
Unity Engine programming course

**Sofia High School of Mathematics** 2011 - 2016  
Secondary Education Diploma: 5.91 out of 6.00 (A\*)

## Skills

### Experienced with:

Java • Python • Typescript/Javascript • HTML5 • CSS3 • Bash • Oracle SQL • Spring Boot • Flask • React • Angular • Version Control • Agile methodology

### Familiar with:

Docker • Kubernetes • C# • Haskell • Azure Services • AWS • GraphQL • Protobuf • Web Penetration Testing • Socket IO • Machine Learning • Hyperledger Fabric Blockchain

## Certificates

**Microsoft Azure AZ-900** Sep 2020

**Oracle Cloud Infrastructure Associate** Apr 2020

**Unity Engine Developer Course** Feb 2016

## Volunteering

Former member of Interact club Sofia which is focused on projects to benefit the local community. Helped facilitate a five kilometer marathon to promote personal health.

Former president of the Bulgarian society at the University of Southampton. Organised events, presented in front of new students, and provided support.