

# Andreas Andreou

## Software Developer

📍 14 Hemstal Road, NW6 2AN, London, UK

☎ +44 (0) 7462 887 207

@ andreas.andreou.dev@gmail.com

Highly diverse software developer focused on continuous personal improvement through expanding my existing competence base with new technologies. I prioritise upfront clarity and solid understanding of client requirements so I can deliver functional software and code that is easy to read and maintain.

## Skills

Core	Java, Groovy, JavaScript, React, Redux, C#, HTML, PHP, C, Python, AngularJS, jQuery, CSS
Frameworks	NodeJS, React Native, Spring Boot, Hibernate, .NET Core, EF Core, Grails, GORM, Nancy
Architecture	RESTful, Serverless
Cloud Services	AWS, Apigee, Bamboo CI/CD
Database	PostgreSQL, MySQL, Oracle SQL, Microsoft SQL Server, DynamoDB
Testing	Jest, Mockito, Spock, NUnit, XUnit, Mocha, Jasmine, Selenium, Enzyme
Methodologies	TDD, Pair programming, SOLID, Agile, BDD
Versioning	GIT, SVN

## Professional Experience

Current  
June 2018

### Senior Consultant, ThoughtWorks, London - UK

#### Blockchain-based oil trading platform

- Co-owned front end codebase.
- Enhanced incoming request validations with Spring Boot annotations.
- Maintained code quality (refactoring, code reviews).
- Analysed stories alongside business people.
- Set up debugging tools for easier development.
- Carried out a presentation about the React-Redux usage in our project.

React Redux Java 8 Streams NodeJS Spring Boot PostgreSQL AWS Solidity Docker Bash

May 2018  
March 2017

### Senior Consultant, ThoughtWorks, London - UK

#### Event Organisation Digital Platform

- Collaborated with team to provide a query language for the users of the platform.
- Worked with team to split out the authentication into its own service.
- Added new functionality for tagging and filtering page content.
- Assisted with interviewing for permanent personnel.

#### Navigation application for event spaces

- Assisted fine tuning the prototype from a previous hackathon.
- Arranged the build pipeline on Bamboo CI/CD Server.
- Showcased and promoted the application in an event.

#### Integration of event organisation platform with client's main system

- Co-lead the project.
- Supervised the communication with main system development team to coordinate our efforts.
- Investigated AWS Lambdas, AWS Queues to specify implementation details.
- Set up the build and deployment pipeline on Bamboo CI/CD Server.

NodeJS GraphQL C# React Bamboo CI/CD Server Redux OAuth 2.0 .NET Core EF Core .NET Nancy  
Android Google Play Developer Console Promises Async/Await AWS Lambda AWS SQS Apigee

February 2017  
March 2016

### Junior Developer, Leo Tech Consulting, London - UK

#### Bet Exchange Platform

- Refactored existing code for core functionality to a simple workflow using a modified Chain of Responsibility Pattern that made it easier to debug and understand.
- Extended third-party angular plugin.
- Enhanced reports with extra validation.
- Added export capabilities so that the user could get the data and use it as he deemed appropriate.
- Demoed product to clients and took part in the planning process.

#### Online Payment Platform

- Collaborated with a remote team in Singapore to deliver new functionality.
- Implemented integration with a local online payment service.

Groovy Spring Boot AngularJS2 Gradle MySQL Grails2 GORM

February 2016 July 2014	<b>Junior Java Developer, Virtue Fusion, London - UK</b> <i>Online bingo platform</i> <ul style="list-style-type: none"> <li>&gt; Prioritized and resolved production issues raised by clients in a timely manner.</li> <li>&gt; Implemented game logic for new game features.</li> <li>&gt; Cooperated with others to maintain the product using a scrum methodology.</li> <li>&gt; Maintained and updated database according to client requests.</li> </ul> <div> <div>Java 7</div> <div>PL/SQL</div> <div>Hibernate</div> <div>Spring</div> <div>EJB</div> </div>
June 2013 November 2012	<b>Web Developer, Sleeping Sloth, Lefkosia - Cyprus</b> <i>Co-creator of website for reserving sports facilities in Cyprus</i> <ul style="list-style-type: none"> <li>&gt; Designed database schema.</li> <li>&gt; Built database abstraction layer.</li> <li>&gt; Built and implemented API for requests to the back-end.</li> <li>&gt; Implemented login functionality.</li> <li>&gt; Implemented multi-lingual accessibility.</li> <li>&gt; Implemented front-end search functionality.</li> <li>&gt; Communicated with possible customers and discussed functionalities and specifications.</li> </ul> <div> <div>PHP</div> <div>MySQL</div> <div>JQuery</div> <div>HTML</div> <div>CSS</div> </div>

## Personal Projects

Current June 2018	<b>Meeting/Event management app for Android/iOS (PameNa)</b> <ul style="list-style-type: none"> <li>&gt; Implemented back end as AWS lambdas to experiment with serverless architecture.</li> <li>&gt; Proxied lambdas through API Gateway.</li> <li>&gt; Designed database for data storage.</li> <li>&gt; Set up notification system between app instances using Google Firebase.</li> <li>&gt; Experimented with React Native.</li> <li>&gt; Set up scripts to enable deployment.</li> </ul> <div> <div>React Native</div> <div>NodeJS</div> <div>AWS API Gateway</div> <div>AWS Lambdas</div> <div>Google Firebase</div> <div>PostgreSQL</div> </div>
----------------------	---

## Certifications

2018	Oracle Certified Professional, Java SE 8 Programmer
2017	Oracle Certified Associate, Java SE 8 Programmer

## Education

2013 - 2014	<b>University of Cambridge, Master of Philosophy, Advanced Computer Science</b> <ul style="list-style-type: none"> <li>&gt; Graduated with 70/100.</li> <li>&gt; Performed a comparison of TCP against DCTCP and MPTCP within a datacenter in regards to throughput, latency and queue size for the graduating project.</li> </ul>
2011 - 2013	<b>University of Nicosia, Bachelor of Science, Computer Science</b> <ul style="list-style-type: none"> <li>&gt; Graduated with 3.9/4.</li> <li>&gt; Best Graduate of the year.</li> </ul>

## Languages

Greek	● ● ● ● ●
English	● ● ● ● ●