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 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` `AngulaJS2` `Gradle` `MySQL` `Grails2` `GORM`

February 2016 July 2014	**Junior Java Developer, Virtue Fusion, London - UK** *Online bingo platform* › Prioritized and resolved production issues raised by clients in a timely manner. › Implemented game logic for new game features. › Cooperated with others to maintain the product using a scrum methodology. › Maintained and updated database according to client requests. Java 7 PL/SQL Hibernate Spring EJB
June 2013 November 2012	**Web Developer, Sleeping Sloth, Lefkosia - Cyprus** *Co-creator of website for reserving sports facilities in Cyprus* › Designed database schema. › Built database abstraction layer. › Built and implemented API for requests to the back-end. › Implemented login functionality. › Implemented multi-lingual accessibility. › Implemented front-end search functionality. › Communicated with possible customers and discussed functionalities and specifications. PHP MySQL JQuery HTML CSS

🖥 Personal Projects

Current June 2018	**Meeting/Event management app for Android/iOS (PameNa)** › Implemented back end as AWS lambdas to experiment with serverless architecture. › Proxied lambdas through API Gateway. › Designed database for data storage. › Set up notification system between app instances using Google Firebase. › Experimented with React Native. › Set up scripts to enable deployment. React Native NodeJS AWS API Gateway AWS Lambdas Google Firebase PostgreSQL

✳ Certifications

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

🎓 Education

2013 - 2014	**University of Cambridge, Master of Philosophy, Advanced Computer Science** › Graduated with 70/100. › Performed a comparison of TCP against DCTCP and MPTCP within a datacenter in regards to through-put, latency and queue size for the graduating project.
2011 - 2013	**University of Nicosia, Bachelor of Science, Computer Science** › Graduated with 3.9/4. › Best Graduate of the year.

🌐 Languages

Greek	● ● ● ● ●
English	● ● ● ● ●