

Andreas Andreou

Software Developer

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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 Senior Software Engineer, Loveholidays (Contractor), London - UK

March 2019 *Holiday planning site and backoffice support system*

- > Created microservice for email integration with backoffice
- > Improved performance of backoffice

Java 11 Spring Boot Spring MVC RabbitMQ MySQL JavaScript Velocity Kubernetes

February 2019 Senior Consultant, ThoughtWorks, London - UK

June 2018 *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 Senior Consultant, ThoughtWorks, London - UK

March 2017 *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 <i>Bet Exchange Platform</i> <ul style="list-style-type: none"> > 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. <i>Online Payment Platform</i> <ul style="list-style-type: none"> > 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	Junior Java Developer, Virtue Fusion, London - UK <i>Online bingo platform</i> <ul style="list-style-type: none"> > 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 <i>Co-creator of website for reserving sports facilities in Cyprus</i> <ul style="list-style-type: none"> > 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) <ul style="list-style-type: none"> > 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
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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 <ul style="list-style-type: none"> > Graduated with 70/100. > Performed a comparison of TCP against DCTCP and MPTCP within a datacenter in regards to throughput, latency and queue size for the graduating project.
2011 - 2013	University of Nicosia, Bachelor of Science, Computer Science <ul style="list-style-type: none"> > Graduated with 3.9/4. > Best Graduate of the year.

Languages

Greek	● ● ● ● ●
English	● ● ● ● ●