

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, GIT, Redux, Python, C#, HTML, PHP, AngularJS, jQuery, CSS
Frameworks	Spring Boot, NodeJS, React Native, 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	JUnit4, Mockito, Jest, Spock, NUnit, XUnit, Mocha, Jasmine, Selenium, Enzyme
Methodologies	TDD, Pair programming, SOLID, Agile, Kanban

Professional Experience

Current March 2019	Senior Software Engineer, Loveholidays (Contractor), London - UK <i>Holiday planning site and backoffice support system</i> <ul style="list-style-type: none">➢ Built microservice from scratch for email integration with backoffice in an effort to centralise communications and automatically process replies and sort them to their corresponding bookings➢ Improved performance of backoffice by cleaning up the legacy code that was already there➢ Support in real time <div>Java 11Spring BootSpring MVC</div> <div>RabbitMQMySQLJavaScriptVelocityKubernetes</div>
February 2019 June 2018	Senior Consultant, ThoughtWorks, London - UK <i>Blockchain-based oil trading platform</i> <ul style="list-style-type: none">➢ 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. <div>ReactReduxJava 8 StreamsNodeJS</div> <div>Spring BootPostgreSQLAWSSolidityDockerBash</div>
May 2018 March 2017	Senior Consultant, ThoughtWorks, London - UK <i>Event Organisation Digital Platform</i> <ul style="list-style-type: none">➢ 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.➢ Assisted with interviewing for permanent personnel. <i>Navigation application for event spaces</i> <ul style="list-style-type: none">➢ 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. <i>Integration of event organisation platform with client's main system</i> <ul style="list-style-type: none">➢ 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. <div>NodeJSGraphQLC#React</div> <div>Bamboo CI/CD Server</div> <div>ReduxOAuth 2.0.NET CoreEF Core.NETNancy</div> <div>AndroidGoogle Play Developer ConsolePromisesAsync/AwaitAWS LambdaAWS SQSApigee</div>
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.➢ 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. <div>GroovySpring Boot</div> <div>AngularJS2GradleMySQLGrails2GORM</div>

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. <div> <div>Java 7</div> <div>PL/SQL</div> <div>Hibernate</div> <div>Spring</div> <div>EJB</div> </div>
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. <div> <div>PHP</div> <div>MySQL</div> <div>JQuery</div> <div>HTML</div> <div>CSS</div> </div>

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. <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>
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Coaching and mentoring

2020	Mentoring career changing person <ul style="list-style-type: none"> > I have proposed a webapp project for her to implement in Python using the Flask framework. I broke it down to stories and created a kanban board for it. > We meet every week to discuss the current story. > Through the stories I teach them developing skills and enrich their Python skills. > The end target is to give her an idea on what it means to be a developer and how they work so they can decide if this is an option they wish to pursue once they finish their Master.
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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	<div><div></div><div></div><div></div><div></div><div></div></div>
English	<div><div></div><div></div><div></div><div></div><div></div></div>