Spyros **Papaioannou**

SOFTWARE ENGINEER

231 North End Road, W14 9UA, London, United Kingdom

hr@spyros.uk | www.spyros.uk | github.com/spyros-uk | linkedin.com/in/spyros-uk

Summary

I am a polyglot Software Engineer, with expertise in the JavaScript ecosystem. As a Team Lead my goal is to create highly efficient and autonomous teams, and to contribute to the shaping of an impactful roadmap. As an Individual Contributor my focus is to find and solve the most impactful technical challenges, by delivering well architected and scalable solutions, written with high quality, readable and testable code. I also have a strong background in UI/UX, and I am delighted to work in an Agile environment with teams and people from all over the world.

Work Experience

Vanguard   *London, UK (hybrid)*
CLOUD SECURITY ENGINEER SPECIALIST- TECH LEAD   *Mar. 2023 – currently*

- CredaaS (Credentials as a Service)
  Leading the CredaaS European team, improving the digital authentication process for over 1 million users. Implement solutions like Multi-Factor Authentication (MFA) and Passkeys, ensuring robust security and a seamless user experience.
- FAME (Fraud and Anti-Money Laundering)
  Leading the FAME team, building powerful tools to detect and combat fraud and money laundering within Vanguard's European operations, with solutions designed by leveraging data-driven approaches, contributing to the protection of Vanguard's reputation and the financial well-being of our clients

Tech stack: AWS, Typescript, Python, React, NestJS, Angular, Github Actions, Bamboo

DAZN   *London, UK (remote)*
SENIOR SOFTWARE ENGINEER - TEAM LEAD   *Mar. 2022 – Mar. 2023*

- Unblocked a multi-million Pound revenue stream from video ads by improving the DAI support of the Player
- Significantly improved the video quality for the users (1Mbps higher video bitrate than other Players)
- Driving the architecture, reviewing solutions, contributing to critical code changes,
  ensuring high quality and efficiency in the development and delivery process
- Optimizing the processes of our ways of working within the Team and outside of the Team, shaping the roadmap,
  keep the backlog lean and organized, being a mentor, creating a culture where innovation thrives

SENIOR SOFTWARE ENGINEER   *May 2020 – Mar. 2022*

- Key contributor in the Player Core team building a custom MSE/EME Player called "Mercury" and Playback testing tools like "Fabric", with the goal to provide the best playback experience in sports streaming

Tech stack: Micro-frontends, TypeScript, React, RxJS, Mocha, Chai, Testing Library, Python, GoLang, Docker, AWS, Github Actions

Tradeledger   *London, UK*
SENIOR SOFTWARE ENGINEER - TEAM LEAD   *Jan. 2019 - April. 2020*

- Lead Software Engineer in a cross-origin Frontend team between Sydney and London,
  developing an innovative lending-as-service platform that automate the lending process
- Contributed to the success of the company on raising capital by delivering the client facing application for 3 banks
- Increased the revenue of the company by delivering the back-office application for 3 big banks including HSBC
- Optimized the application to support multiple customers on the same platform and multiple languages-currencies
- Re-architected the GraphQL application that wraps the Rest API to significantly improve the integration with the frontend applications
- Using a custom Design System to provide a great UX

Tech stack: React, TypeScript, RxJS, GraphQL, Jest, Enzyme, Cypress, Storybook, Docker, AWS, K8s, Jenkins

Camelot Lottery Solutions   *London, UK*
SENIOR SOFTWARE ENGINEER   *Mar. 2017 - Jan. 2019*

- Working on "The National Lottery" mobile App product in UK
- Lead engineer on "Rich Inbox" project, delivering push notifications and messages to the mobile App, by using Other Level's platform
- Contribution to "API Gateway" project, using AWS API Gateway and Secrets Manager services
- Customized Cordova plugins to meet the required business logic for Touch-ID and Geolocation features (Java, Objective-C)
- Implemented an environment validator app in React Native
- Implemented a CI pipeline from scratch using NPM scripts, Gulp, Fastlane and TeamCity (JavaScript, Ruby)
- Contribution in Acceptance and UI test framework's architecture
- Managing the stakeholders and mentoring other team members

Tech stack: Cordova, Ionic, AngularJS, ES6, SASS, NPM, Yarn, Karma, Mocha, SinonJs, Chai, Protractor

Agile Actors   *Athens, Greece*
SOFTWARE ENGINEER   *May 2016 - Mar. 2017*
- Working on "The National Lottery" Mobile App product in UK
- Implemented new features (EuroMillions Hotpicks, Adds Funds)
- Main contributor in the feature (game) EuroMillions Hotpicks
- Contributed to writing unit tests retroactively for about 90% of the App
- Implemented a testing framework for acceptance tests, using Protractor, Cucumber, Appium
- Worked with a cross origin team (London-Athens) in an Agile environment following Scrum Framework

Tech stack: Cordova, Ionic, AngularJS, ES5, SASS, NPM, Karma, Mocha, SinonJs, Chai, Protractor, Appium)

Mozaik   *Athens, Greece*
FULL-STACK DEVELOPER   *Apr. 2015 - May 2016*
- Implemented mobile-first websites and blogs, rich in animation/transitions for the biggest Greek brands in hospitality
- Contributed to WordPress plugins
- Contributed to an open-source WordPress theme bootstrap library

Tech stack: WordPress, PHP, JavaScript, ES6, SASS, Webpack, NPN, Gulp, SEO

Dreamlab   *Athens, Greece*
WEB DEVELOPER   *Nov. 2014 - Apr. 2015*
- Implemented vanilla web interfaces
- Customized WordPress themes according to clients' needs
- Provided Server Administration services
- Provided Network Administration services
- Self-management and direct communication with the clients

Tech stack: PHP, JavaScript, ES5, CSS3, HTML5, SEO

Education

University of West Attica   *Athens, Greece*
ENGINEER OF ELECTRONIC COMPUTING SYSTEMS   *Sep. 2007 - Jun. 2018*
Degree: 7.04/10

Workshops

Clean Architecture   *London, UK*
SKILLS MATTER, UNCLE BOB   *Jan. 2018*
A 3-day workshop about Clean Architecture (Modules, Components, Dependencies, Layers, Boundaries)

Clean Code   *London, UK*
SKILLS MATTER, UNCLE BOB   *April. 2017*
A 3-day workshop about Clean Code (Naming, Functions, Data Structures, Boundaries, Error Handling, Unit Testing)

Network+   *Athens, Greece*
COMPTIA   *April. 2011*
A 10-day workshop (Network Fundamentals, Ethernet Networking and Data Encapsulation, TCP/IP, Subnetting, Routing)

Honors & Awards

e-volution   *Athens, Greece*
Bronze Award   *April. 2016*
Recognizing best practices in e-commerce (Pharmathen)