

Spyros Papaioannou

SOFTWARE ENGINEER

60 Kilby Court Southern Way, SE10 0PR, 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

- Introduced a back-up SMS provider for OTPs for the client authentication in UK Web app (CredaaS)
- Contributed to the design of the UK Mobile app and lead the development team of the biometrics login feature (CredaaS)
- Reduced the running costs across the stack by 24% (CredaaS)
- Re-architected the auth system to support multi-region deployments and restoration from a regional data compromise (CredaaS)
- Improved the quality of our services, and introduced new ways of working improving team performance (CredaaS)
- Contributed to the decision of creating Sentinel tool internally, along with its initial architecture design with emphasis in the front-end app and the integration with the data lakes (FAME - Fraud and Anti-Money Laundering)

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

SOFTWARE ENGINEER

Athens, Greece
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

FULL-STACK DEVELOPER

Athens, Greece
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

WEB DEVELOPER

Athens, Greece
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

ENGINEER OF ELECTRONIC COMPUTING SYSTEMS

Athens, Greece
Sep. 2007 - Jun. 2018

Degree: 7.04/10

Workshops & Certificates

AWS CCP

SKILLS MATTER, UNCLE BOB

London, UK
Jan. 2024

An AWS certification validates foundational, high-level understanding of AWS Cloud, services, Support, Billing and terminology

Clean Architecture

SKILLS MATTER, UNCLE BOB

London, UK
Jan. 2018

A 3-day workshop about Clean Architecture (Modules, Components, Dependencies, Layers, Boundaries)

Clean Code

SKILLS MATTER, UNCLE BOB

London, UK
April. 2017

A 3-day workshop about Clean Code (Naming, Functions, Data Structures, Boundaries, Error Handling, Unit Testing)

Network+

COMPTIA

Athens, Greece
April. 2011

A 10-day workshop (Network Fundamentals, Ethernet Networking and Data Encapsulation, TCP/IP, Subnetting, Routing)

Honors & Awards

e-volution

Bronze Award

Athens, Greece
April. 2016

Recognizing best practices in e-commerce (Pharmathen)