Alexandros **Alexiou**

SOFTWARE ENGINEER

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Summary

Versatile Software Engineer passionate about full-stack development and delivering business value through technology. Driven by continuous learning and adaptation to new challenges in the field of Software Engineering.

Work Experience

Software Engineer
BESTSECRET GMBH

Ioannina, Greece
Dec. 2023 - present

- Contributing to the migration of the BestSecret product detail page from the monolithic application to a microservice architecture. Utilizing Kotlin, Spring Boot, Kafka, PostgreSQL to enhance scalability and maintainability.
- Designed and implemented a GraphQL API facilitating efficient communication with mobile app teams, improving data exchange and reducing over-fetching.
- Developed a high-performance Kafka consumer for efficient record processing and storage in cloud storage databases, optimizing update operations and data consistency.
- Implemented comprehensive test suites using JUnit and Testcontainers, achieving high code coverage and ensuring reliable microservice behavior through integration and unit tests.
- Supporting the monolithic application by addressing bug fixes and implementing improvements to add business value.

Software Engineer
TEAMVIEWER GERMANY GMBH

Ioannina, Greece
Jan. 2023 - Dec. 2023

- Extended the TeamViewer Web API, by introducing functionalities to the API enabling users with scripting needs to perform actions on the backend previously supported only through the TV Management Console.
- Handling support tickets and providing solutions to the supporters, ensuring fast response time and user satisfaction.
- Ported the Chat access control to the MacOS client that allows for applying rules to TeamViewer connections hiding/showing the chat.
- Implemented TeamViewer Remote migration features ensuring a smooth user experience and introduction to the new TeamViewer client: Added auto-restart functionality to easily switch between old and new client UI.

Junior Software Engineer
TEAMVIEWER GERMANY GMBH

Ioannina, Greece
May. 2022 - Jan. 2023

- TeamViewer IoT backend migration project: Part of a team that migrated TeamViewer IoT microservices to TeamViewer's backend services which allowed for better maintainability and extensibility of the codebase.
- Migrated user data from MongoDB databases to SQL Server databases: Developed scripts in Java to automate the process of the migration, transforming the data from NoSQL to SQL data model while ensuring zero data loss, no data duplication and zero downtime.
- Maintained and improved the TeamViewer IoT Frontend application using React.js with Redux and Jest for Unit testing. Added unit tests, fixed duplicated HTTP requests, refactored and cleaned up the code.
- Ported API functionalities from IoT microservices to TeamViewer's Web API.

Software Development Intern
TEAMVIEWER GERMANY GMBH

Ioannina, Greece
Oct. 2021 - Apr. 2022

- Developed features for TeamViewer's WebAssembly Client using React.js, TypeScript, and C++, while working on Management Console improvements with .NET and React.js.
- Contributed to web client UI enhancements and maintained End-to-End automation tests using C# and Ranorex API.

Education

Computer Science & Engineering M.Eng
UOI - POLYTECHNIC SCHOOL, IOANNINA, GREECE

Ioannina, Greece
Sept. 2015 - Mar. 2022

- Thesis: Java library that produces an automated statistical profile of an input data set and generates a report of the findings.

Skills

Back-end	Spring Boot · Node.js · GraphQL
Front-end	JavaScript/Typescript (ES6, React, Redux, Jest, React Testing Library)
Programming	Kotlin · Java · JavaScript/Typescript · Python · C/C++
DevOps	Git · Shell · Docker · PostgreSQL · Gitlab CI
Languages	English (Proficient) · Greek (Native)