

# George Kalyvianakis

## Software Engineer

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[Github](#) • [LinkedIn](#)

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## EXPERIENCE

### SIEMENS | ENGINEER DEVELOPMENT

Feb 2023 – Sep 2024 | Brno, Czech republic

- Performed frontend development using *TypeScript* and *React* on top of the *Siemens IX* component library.
- Developed a wide range of components, forms and pages.
- Conducted thorough code reviews to ensure smooth integration to the codebase.
- Worked on the migration to NextJS and integration of TanStack Query for cache management.
- Maintained OpenAPI specification as part of the documentation process.
- Contributed to the backend by implementing an encryption mechanism to securely store sensitive files and also by setting up the basic unit testing environment.

### HONEYWELL | SOFTWARE ENGINEER II

Nov 2021 – January 2023 | Brno, Czech republic

- Worked with *PHP* with *Nette Framework* and *MySQL* on the backend.
- Developed frontend using *JavaScript* with *jQuery*.
- Designed and developed the *Contract Editor* module, handling the entire process from database schema creation to the design of the MVC architecture and frontend design implementation.
- Designed and optimized complex SQL queries to aggregate data from multiple tables, automating processes and reducing manual work for users.
- Carried out bug fixes and maintenance, including code restructuring through pull requests, to improve system stability and code quality.

### HOTSOFT | JUNIOR FULL-STACK DEVELOPER

Aug 2018 – September 2021 | Rethymno, Greece

- Worked on website and e-commerce platform development using Contao CMS and CS-Cart, both using *PHP* and *MySQL*.
- Developed various webpage designs based on UI/UX prototypes provided in Adobe XD and Figma.
- Responsible for developing the *ACS Courier* plugin for managing e-shop shipments and the *XML Export* plugin to generate XML feeds from the store's product database.

## PROJECTS

### UNITY ATLANTIC | REACT APPLICATION FOR THE EXHIBITION OF

VARIOUS DANCES AND RHYTHMS AROUND THE GLOBE

June 2024 – Oct 2024 | Gerador.eu, Portugal

- Developed and deployed **Unity Atlantic**
- Built using *React* and *JavaScript*.
- Implemented headless *Wordpress* setup for the backend.
- Used *Docker* for containerization and enhancement of CI/CD operations.

### GOODNET APP | ANDROID APPLICATION FOR THE GOODNET.GR

NEWS WEBSITE, USING REACT NATIVE

Sep 2020 – Jun 2021 | Rethymno, Greece

## EDUCATION

### HELLENIC OPEN UNIVERSITY

MSC. INFORMATION SYSTEMS

Exp. June 2025 | Patras, Greece

### HELLENIC MEDITERRANEAN UNIVERSITY

BSC. ELECTRONICS ENGINEERING

Sept 2021 | Chania, Greece

GPA: 7.81 / 10

## SKILLS

### PROGRAMMING

PHP: 3+ years

JavaScript: 5+ years

TypeScript: 2+ years

Java: 0+ years

Python: 0+ years

MySQL: 4+ years

HTML/CSS: 6+ years

### TECHNOLOGIES

Git/Github • Docker

npm/pnpm • REST API • HTTP

## LINKS

Github:// [CptGeo](#)

LinkedIn:// [George Kalyvianakis](#)