

# GKAGIANNIS KONSTANTINOS

## EDUCATION

### Master's Degree at the Department of Computer Engineering & Informatics | University of Patras, Greece

Sep 2016 - Mar 2023 | Patras, Greece

- **Thesis title:** Multimodal notifications in virtual reality environments for Industry 4.0 facility control

## WORK EXPERIENCE

### Nomura Securities Co., Ltd. | Full Stack Developer

Sep 2024 - Present | Tokyo, Japan

#### Work scope:

- Implemented and maintained CI/CD pipelines in GitLab to streamline deployment processes and reduce release times. This helped the team automate repetitive tasks and improve delivery efficiency.
- Developed front-end features and automated end-to-end testing using Playwright, integrated directly into the pipeline. This ensured that critical user flows were consistently tested before each release.
- Managed containerized application deployments using Kubernetes and Podman, ensuring scalability and reliability. These deployments supported internal tools used across multiple teams.
- Contributed to backend development using Java and Python, supporting internal financial systems as needed.

### Deriv (Europe) Ltd | Front End Developer

Apr 2022 - March 2024 | Birkirkara, Malta

#### Work scope:

- Development of web pages using JavaScript and TypeScript, along with React and Next.js, coupled with unit and Cypress testing, resulting in significant improvements in page load times and overall application reliability.
- Collaborated closely with the design team to implement CSS-in-JS, utilizing Tailwind CSS, and Atomic Design Methodology, ensuring a visually appealing user interface.
- Improved website performance and SEO by utilizing techniques such as web workers, lazy loading, image optimization, code splitting, caching, minification of CSS and JavaScript.
- Collaborated with the backend team to integrate real-time data assets and unique market indices into the platform, ensuring the display of real-time information on the site.

## PROJECTS

- **Expense Sharing App** - Developed an expense sharing application for tracking financial obligations among users using React and Firebase.
- **Task Manager App** - Designed and implemented a task management application, facilitating efficient organization and tracking of tasks using React Native and SQLite.
- **Cryptocurrency Details App** - Created a cryptocurrency information application, enabling users to access real-time data and digital currencies using Kotlin and Android Studio.
- **User Activity Analysis** - Created a user activity system, leveraging Google location history JSON data and heatmaps for analysis and eco-friendly solutions using Javascript.
- **Control room emulation in Virtual Reality** - Implemented an immersive ship's control center and emulated notifications in a Virtual Reality environment using Unity and C#.

## Personal Info

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**Portfolio:**

[konstantinosgkagiannis.online](https://konstantinosgkagiannis.online)

**Github:**

[github.com/Kosgkagiannis](https://github.com/Kosgkagiannis)

**LinkedIn:**

[linkedin.com/in/konstantinos-gkagiannis](https://linkedin.com/in/konstantinos-gkagiannis)

## Technical Skills

**Programming Languages:** Java, Ruby, Python, Go, C, C++, C#

**Web Development:**

HTML, CSS, JavaScript, TypeScript, PHP, WordPress

**DevOps & Deployment:**

Kubernetes, Podman, GitLab CI/CD

**Databases:**

SQL, MySQL, MongoDB

**Testing & Automation:**

Playwright, Cypress, Unit Testing

**Frameworks/Libraries:** React,

Gatsby, Next.js, Angular, Vue.js

**Android Development:**

React-Native, Kotlin, Android Studio

**Cloud Computing Services:** AWS,

Firebase

**Design & Game Dev:** Figma,

Unity, Unreal Engine, Photoshop, Premiere

**Development Practices:** Agile,

Scrum

## Languages

**Greek:** Native

**English:** Native (Certified C2)

**Japanese:** Pre-intermediate (Certified N4)

**German:** Basic (Certified B1)