







# Evangelos Kapsoulakis

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## WORKING EXPERIENCE

### Alma Economics, Software Engineer (July 2023-present)

*React - JavaScript/TypeScript - Django - Python - Google Cloud - Docker - Github - PostgreSQL*

- Developed applications using **React.js**, **Django**, and **FastAPI** for both clients (e.g., UK public sector) and internal products. Some of the apps are: [Evidencemap](#), [Homeless Service](#), [Impact Estimator](#), Online platform to host an experiment for nearly 6,000 UK adults (Amazon clone).
- Built **REST APIs** and **webhooks**, worked with technologies such as **Celery** for task queuing, **Stripe** for subscriptions payment processing and **auth0**.
- Participated in the entire lifecycle of software development, from concept to launch. Utilized **Kanban boards** and worked on **weekly sprints**.
- Deployed applications on Google Cloud and Heroku, implementing basic CI/CD pipelines using **GitHub Actions**. Dockerized legacy applications and migrated them from Heroku to Google Cloud, deploying them with **Docker Swarm** as the container orchestrator.
- Collaborated with design teams to ensure **UI/UX** consistency and with **data science** teams to integrate NLP models into functional applications.
- Participated on the **documentation** of on-going and previous projects.

### Internship at LCI Lab, Norwegian University of Science and Technology (Oct. 2022 - Jan. 2023)

*Angular - TypeScript - Git - Docker - Figma - CSS*

- Contributed to [Surrounded by Science](#) project (**European Union's Horizon Research and Innovation programme**). Our team had to re-design & develop the front end of [Science Chaser](#). Got to complete >25 tasks. Had a strict deadline to complete the Science Chaser app by the mid of January 2023, as it was scheduled to be tested in a museum in Italy.

## OTHER EXPERIENCE

### Projectkapa web app (2024 - present) React - Node - JavaScript - PostgreSQL - Docker - GCP

- This project is designed to help the efforts of a team of volunteers who are committed to cleaning up polluted areas. [Live](#)
- Developed restful and WebSocket ([socket io](#)) APIs, implemented authentication using JWT, used [express-validator](#), [passport](#) and [sequelize](#). Deployed on Google Cloud using docker swarm as container orchestration tool and NGINX as reverse proxy. Used Github actions for some basic CI/CD.

### Master Thesis (2021-2022) Python - RenPy - PyGame - Research - Data analysis

- Developed the Serious Game: [Galaxy Solutions](#)
- The main objective of this game is to help graduates acquire basic interview skills and be aware of the whole process by making the learning experience more enjoyable and engaging. The game was evaluated by 105 students. Turned into a paper that was published.

## EDUCATION

### University of Patras, Greece (2015-2022)

Masters Degree

[Computer Engineering & Informatics Department](#)

## PUBLICATIONS

S. M. Evangelou, V. Kapsoulakis and M. Xenos, "Evaluation of a Serious Game for Young Software Engineering Graduates: Interviewing Skills and Soft Skills," 2023 IEEE Global Engineering Education Conference (EDUCON), Kuwait, Kuwait, 2023, pp. 1-7, doi: 10.1109/EDUCON54358.2023.10125205.