Tsiakkas Ioannis

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Education

Bachelor of Computer Science Degree   **Sep 2013 - Jan 2019**
GPA: 3.00 B   *University of Crete*

Bachelor's Thesis : " *A versatile machine learning API for GPGPUs* "   **Mar 2018 - Jan 2019**
Distributed Computing Systems Laboratory   *FORTH*

My thesis was to create a fast and scalable neural network API for GPGPUS.

Professional Experience

Fairlo   **Feb 2022 - Present**
Financial Services   *Backend Developer (TypeScript, PostgreSQL)*

- Maintaining and improving the core product of the Fairlo platform, ensuring high code quality, reliability, and performance.
- Implement and maintain robust testing practices, including unit testing, integration testing, and end-to-end testing, to ensure high code quality and minimize the risk of defects and regressions.
- Collaborating with other team members, including front-end developers, product managers, and designers, to develop and implement new features and enhancements.
- Conducting code reviews, writing and updating technical documentation, and providing support to other developers when needed.
- Proactively identifying and addressing technical issues and potential areas of improvement to optimize the platform's functionality and user experience.

Cypriot Military (obligatory)   **Jul 2021 - Jan 2022**
Ordnance Corps   *Soldier*

Cyberlogic   **Mar 2020 - Jun 2021**
Travel Technologies   *Frontend Developer (Angular)*

- Worked on the core product of the company's travel platform, developing and improving its user interface, user experience, and performance.
- Developed and maintained custom websites for clients in the travel and hospitality industry, allowing them to offer online bookings and experiences to their customers.

Medwork   **May 2019 - Mar 2020**
Contract Research Organization   *Full Stack Developer (React, Java, MySQL)*

Honours & Awards

Undergraduate Scholarship at Telecommunications and Networks   **Jun 2017 - Dec 2017**
Telecommunications and Networks Lab   *FORTH*

As an undergraduate and part of a team of two, we developed a fair decentralized network for sharing files between a group of people.

Technical and Personal Skills

Programming & Scripting Languages	*C, C++, Go, TypeScript, JavaScript, NodeJS*
Frameworks & Libraries	*React, NextJS, Angular, Tailwind*
Tools	*Git, Github Actions, Docker, AWS, ExpressJS, Jest*
Databases & ORMs	*PostgreSQL, MySQL, MongoDB, Mongoose, Sequelize*
Practices	*Agile, Scrum, Kanban*
Languages	**Greek** *Native,* **German** *Native,* **English** *Fluent*

Notable Projects (github.com/keybraker)

Portal   *A fully functional Discord bot.*
DiscordJS, Typescript, Mongoose, MongoDB

Mediarizer 2   *A one-step solution to a chronologically organized media library.*
Go

sinemas.info   *Designed and created a good-looking, and self-maintaining website for accumulating theater showtimes.*
NextJS, Typescript, Vercel

medwork.gr   *A high performance website for the company Medwork, fully implemented and designed it.*
NextJS, Typescript, Vercel