



Stamoulos Vassilis

Software Engineer

Date of Birth: 1996-08-23

Military Service: Fulfilled

Profile

I bring a unique blend of technical expertise, creative thinking, and leadership skills. My passion for learning new technologies is matched only by my dedication to achieving project goals. I thrive in team environments, fostering a spirit of collaboration while also being able to take the initiative when needed. In my spare time, I enjoy expanding my knowledge of computer programming and the tech ecosystem, often through online tutorials or by designing and implementing small beta projects. This continuous learning mindset keeps me at the forefront of industry trends and innovations. I am also known for my attention to detail and commitment to perfection, ensuring that the software we develop is functional and of the highest quality. My experience leading teams and managing complex software projects makes me an asset to any organization.

Social

- vassilis.cc
github.com/doskelfsy
linkedin.com/in/vstamoulos

Skills

- HTML/CSS
JavaScript
NodeJS
Python
SQL/NoSQL
Docker
Kubernetes

Work Experience

Feb 2024 - Present

Software Engineer

Freelancer

As a seasoned freelance software engineer with extensive experience in web application development and IoT industry research, I offer unique skills in creating user-friendly applications and cutting-edge middleware solutions. I specialize in DevOps infrastructure, including GitOps, Docker Swarm, and Kubernetes, ensuring robust and scalable deployments. I am dedicated to helping you with your unique and technical solutions aligned with your business goals, making me an ideal partner for your next project. In code, dreams take flight! Crafting solutions day and night, excellence in sight.

Mar 2018 - Jan 2024

Software Engineer Team Leader

Evolution Projects+

From intern to Software Engineering Team Leader. What a journey! I began my career by crafting user-friendly web applications and delving into IoT industry research for Smart Cities automation. This journey culminated in the creation of a cutting-edge IoT Middleware that seamlessly connects various IoT devices to the IntelligentCity platform. In addition, I led the development and maintenance of a robust DevOps infrastructure, including GitOps, Docker Swarm, and Kubernetes cluster administration.

In the final years, I led different small teams in developing the new Cultural Heritage Platform (CulHub), the Expert System part of MES-CoBraD, all while ensuring alignment with business objectives.

We were fostering a culture of innovation and continuous improvement within the team to create software, implement best practices, and orchestrate the design and implementation of backend middleware solutions to integrate internal applications with external web services seamlessly.

Keywords

- HTML CSS JavaScript VueJS
jQuery TailwindCSS ReactJS PHP
NodeJS ExpressJS Laravel Jira
Svelte MySQL/MariaDB SvelteKit
Python FastAPI Agile P3 Ansible
MongoDB PostgreSQL Docker Git
Bootstrap Googling Swarm BPMN
Kubernetes DevOps GitOps Linux
Confluence Firebase SendGrid S3
Twilio Supabase JFrog Sentry

Languages

- Greek
English



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🔧 Projects

- **Multidisciplinary Expert System for the assessment & management of Complex Brain Disorders (MES-CoBraD)**

Horizon2020 - #965422

Develop an Expert System (ES) that will enable physicians and scientists to improve the accuracy of a diagnosis and the outcome of a treatment in people with complex brain disorders, as reflected in neurocognitive and epileptic disorders, sleep disorders, and their interactions through data collected from clinical and other sources using the most efficient protocols. The implementation is based on ReactJS, Python FastAPI, PostgreSQL, S3 and the deployment in a Docker environment.

- **Web-App for sensors under Lora Network**

Bachelor Thesis

Researched and Developed a web application for streetlighting based on IoT sensors and the LoRaWAN communication protocol. The sensors allow remote control and management of luminaires and central electrical panels (pillars). That is, the application sends commands that define the operation of the luminaire (on / off / dimming 0-100), setting the operating schedule (at specific times or based on the sunrise/sunset algorithm), and receiving metrics related to the operation of the luminaires. The application was implemented in the PHP CodeIgniter framework for the back end and AngularJS for the front end, while the Database was based on MySQL. A middleware "written" in Python with MongoDB was placed between the communication of the web server and the IoT devices.

🎓 Education

Oct 2022
- Present

Executive MBA

University of Athens

Executive Master of Business Administration (EMBA) @ Department of Business Administration at the National and Kapodistrian University of Athens (UOA), focused in General Management.

Oct 2014
- Sep 2019

Bsc in Digital Systems

University of Piraeus

Bachelor of Digital Systems @ University of Piraeus focused in "Telecommunications & Networks" (option in network security).

2009

Cert in Competence in English

Hellenic American Union

Successful completion of the B2 level Examination for the Certificate of Competence in English by the University of Michigan.

📖 Courses

Nov 2021

AI for Medicine

Coursera

Gain practical experience in applying ML to concrete problems in medicine. Includes prognosis, diagnosis, and treatment techniques.

Mar 2020

Object Oriented PHP

Udemy

Training and deepening in PHP with particular emphasis on native methods, without integrating any framework.

Nov 2019

Node API Masterclass with Express & Mongo

Udemy

I created an application/platform for enrolling students in seminar-type courses.

Nov 2019

Modern HTML & CSS from the beginning

Udemy

Training and deepening in HTML and CSS, emphasizing responsive design and mobilefirst practices.

Jan 2019

Modern JavaScript from the beginning

Udemy

Training and deepening in Javascript with emphasis on native methods, without integrating any framework.