Alexandros Koukovistas

+447446461591 · koukovistas@gmail.com · @koukovistas
LinkedIn · GitHub · X

Hello! I am Alexandros. I am a software engineer with a diverse tech stack and experience in several business domains. I specialize in APIs, data engineering, back-end systems, system design, and architecture. I am proficient in multiple tech stacks and languages, as well as technical writing, team management, project management, and public speaking. I am bilingual (English and Greek), speak Japanese and some Czech, and am learning German, with a strong preference for working in English.

KEY SKILLS

Software Development	API Development & Integrations	E-Commerce
Debugging	Technical Writing	Software Architecture
DevEx/DevRel	CI/CD pipelines	Communication

PROFESSIONAL EXPERIENCE

Ciklum Western Europe   **Nov 2023 - Present**
Senior PHP Developer

Working integrated within a client's product team my responsibilities include:

- Refactoring core functionality of the product.
- Launching new features and updates.
- Working with external APIs and data management.

Key technologies: PHP, JavaScript, MySQL, AWS, ElasticSearch, Symfony, Vue.js, Docker, GitHub

Tricentis   **Jul 2022 - Nov 2023**
DevRel Engineer

- Spearheaded API development initiatives, introducing a comprehensive style guide and guiding five products through API creation and refactoring.
- Fostered cross-team collaboration, breaking down silos and enhancing communication among product teams.
- Established a new developer-facing documentation platform, ensuring accessibility and clarity for technical resources.
- Collaborated with the platform team to implement standardized tooling and services, promoting consistency for internal and partner developers.
- Led initiatives in API simulation, contract testing, Okta, Kubernetes, and .NET.
- Developed integration examples.
- Participated in the development of a POC testing app during the yearly hackathon utilizing ML to educate and assist testers to test their applications.

Key Technologies: REST, RPC, GraphQL APIs, React.js, Okta, Azure, AWS, Github, Markdown, C#, Java, .Net

CN Group   **2020 - Jun 2022**
PHP Developer
- Worked on new features across a distributed system.
- Created and integrated with APIs.
- Refactored parts of the system.
- Participated in a migration from physical servers to AWS.
- Worked a lot with data consumption, distribution and optimization.
- Worked on components and widgets built with React.
- Contributed to shared internal libraries and packages.
- Trained and mentored junior developers.

Key Technologies: PHP, Symfony, JavaScript, React, Terraform, AWS, GitLab, Docker, JSON API

Freelance   **2019 - Current**
Software Engineer
Working on interesting projects solo or with my mates as part of a co-op. The main focus is to use this as an opportunity to work on projects and technologies I usually cannot.

Some noteworthy projects include:
- Writing a weighted product recommendation algorithm and a product scraper.
- Creating a middleware for stock management and integrating with a POS system.
- Creating a data consumption and analysis algorithm to be used with online crime databases.
- Consulting and assisting a trade tools supplier with their digital transformation.
- Worked on investment software and crowdfunding.
- iPad apps and kiosk software.
- Lots of e-commerce!

Key Technologies: PHP, WordPress, React, Vue, Python, C++, PostgreSQL, R, JSON APIs

Hallam   **2017-2019**
Technical Architect
- Responsible for the delivery of our more complex products. Worked closely with design, marketing and the dev team to deliver anything from full web builds to back-end solutions and internal tooling.
- Built new features, internal tooling and POC projects.
- Automating the ongoing system maintenance and new releases.
- Performed code reviews and participated in pair programming.
- Responsible for the smooth operations of the support department and the helpdesk.
- Stepped in as project manager for the more technically challenging projects.
- Handled client communications.
- Collected requirements and finalized the scope of the work and the scope documents.
- Lead internal training sessions to inform and train other team members on new an existing technological developments and available tooling.

Key Technologies: PHP, WordPress, React, JSON APIs, MySQL, Bash, Node.js, JIRA, Wrike

---

OTHER PROJECTS

Coaching   **2022 - Present**

I strongly believe in giving back to the community and making the IT industry more accessible and friendlier. Initially, I started by coaching and guiding an MSc Data Science student with her research project and thesis and applying for her first job. As part of this, I also volunteered with Czechitas in their mentorship program. Czechitas is a Czech organization aiming to get more women in tech and works with prominent names in the industry.

EDUCATION

University of Derby
BSc (Hons) in Computer Science

SKILLS & TECHNOLOGIES

- API design, development, and integrations (REST, RPC, SOAP, GraphQL)
- DevEx & DevRel
- Strong problem solving and debugging skills.
- Experience working with PHP, JS, Python, C#, Java, TS
- Limited experience with C++, Go, Ruby
- Git, and git flow.
- GitLab, GitHub, Jenkins.
- Symfony, Laravel, WordPress, .Net, React, Vue, Node, HTMX, Gatsby
- MySQL, MSSQL, PostgreSQL, GraphQL
- Experience working with Docker
- Experience working with infrastructure as code (Terraform mainly)
- AWS
- API Simulation & testing.
- Unit tests, TDD and automated testing.
- Experience with process automation.
- Experience working in Agile and Waterfall environments.
- Experience with technical SEO concepts, requirements, and techniques.
- Good project management and client communication skills.
- Public speaking and presentation experience.
- Bilingual in English and Greek, decent in Japanese, basic understanding of Czech.

MORE ABOUT ME

Interests

I am a massive history and language nerd. I enjoy painting miniatures and building dioramas; I also recently got into 3D printing. I love nature and animals, music, making things, and tinkering in general. I also run my own World of Warcraft raiding community.

I try to use my hobbies to stay away from my desk, but I also really enjoy writing technical articles (you can read some of my stuff on my LinkedIn), trying out new languages and frameworks (HTMX and Go most recently), and helping one of my mates with his open source projects.