




Xenakis Nikolaos

Senior Software Engineer

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Work experience

Specialist R&D Engineer

(contractor)
Sphynx
Zurich, Switzerland (Feb 2024 - Present)

- Architecting and developing the Incident Response Tool, an automation product mitigating cyberattacks guaranteeing high-availability and scalability.
- Managing the SecOPERA EU project representing Sphynx, collaborating with other 10 EU organisations.

Java Spring Boot Node.js PostgreSQL Distributed Systems

Senior Software Engineer

Welbot
Edinburgh, UK (Nov 2022 - Feb 2024)

- Engineered state-of-the-art well-being products tailored for enterprises, used daily by 20K users.
- Introduced an SDLC process, implemented CI/CD pipelines across all projects, streamlining weekly releases.
- Automated infrastructure deployment using Terraform, ensuring reproducibility, scalability and isolation across deployments, reducing time to release under 5 minutes.
- Led successfully 2 major product releases over 1 year, migrating to new infrastructure and codebase.

TypeScript Node.js React Terraform GitHub CI/CD ElectronJS AWS

Senior Software Engineer

SeeByte
Edinburgh, UK (Aug 2021 - Nov 2022)

- Directed CI/CD initiative, implementing Jenkins pipelines and integrating approximately 80 projects.
- Project lead consistently delivering 100% of the projects ahead of schedule.
- Led research efforts for a web-based product transition, developing prototypes.

.NET Java PostgreSQL Jenkins

Software Engineer

SeeByte
Edinburgh, UK (Sept 2019 - Aug 2021)

- Developed the Mission Planning, Monitoring, and Analysis software for Unmanned Underwater Vehicles (UUVs).
- Demonstrated products in real-world operational scenarios, resulting at 100% contracts extension.
- Earned rapid promotion to the senior level in less than 2 years, becoming the fastest-promotion in the company.

Software Engineer

Wings ICT Solutions
Athens, Greece (April 2017 - Sep 2018)

- Working on the migration of the bank's CRM legacy code to Angular.
- Led and delivered in time an internal bank project system for customer application management, collaborating with other 2 junior engineers.

.NET Typescript Angular

Teaching Assistant

Computer Science Department, UoC
Heraklion, Greece (Sep 2015 - Jan 2016)

- Assisted in teaching the "Introduction to Computer Science" course, by conducting lab sessions.
- Selected for "TheProfit" program, allowing top 10 performing students to support academic work.

Undergraduate Research Intern

FORTH (Research Center)
Heraklion, Greece (Jun 2015 - Sep 2015)

- Conducted research in Big Data Systems using acceleration devices (GPUs, FPGAs).

HDFS MapReduce Spark CUDA

Education

MSc in HPC with Data Science

75% (First-Class Honours)
University of Edinburgh
Edinburgh, UK (Sep 2018 - Sep 2019)

Scholarship Received the Best Student Award for the MSc program. Additionally, I was awarded the Highly Skilled Workforce Scholarship covering the tuition fees.

Dissertation Parallelisation of frame processing for Optical Coherence Tomography for Optos (85%).

Bachelor in Computer Science

84% (First-Class Honours)
University of Crete
Heraklion, Greece (Sep 2012 - Jul 2016)

Scholarship 3 years in a row awarded with the memorial scholarship "Stelios Orfanoudakis". This scholarship is given to the top 3 students of the Computer Science department each year.

Dissertation ICE Editor is a visual programming language for end-user programmers for IOT devices. ICE Editor is a web client application written in JavaScript.

Languages

Greek Native English Proficient German Beginner (A1)