

Stefanos Costa

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Work Experience

Clone Systems

08/2024 - Present

Senior Full-Stack Developer: Golang, React, Postgres, Docker

- Developed a web-based SIEM with HIDS and RBAC for the EU's SECURE-EU and CYBERGUARD projects.
- Created a custom AI agent for AI-based remediation actions based on log monitoring, alert classification and MITRE ATTACK CTI data
- Created host-based agent with encrypted websocket connection to SIEM manager that included log monitoring, File Integrity monitoring, host-based remediation actions (sent from AI agent in SIEM).
- Implemented live agent updates and activate/deactivate mechanisms
- Successfully presented these products to EU.
- Created Docker container deployment mechanisms for SIEM with both frontend, backend & opensearch
- Implemented cross-platform compatible golang-based agent

Lendwise, London

09/2022 – 12/2023

Full-Stack Developer: Golang, React, MySQL, AWS

- Developed Reusable components in React.
- Implemented RESTful APIs in Golang along with AWS SNS actions and consumers.
- Worked with MySQL throughout development.
- Created python lambda functions and used AWS CloudWatch, ECS, SNS, S3 and SQS.
- Implemented Cybersecurity measures such as Google ReCAPTCHA.
- Created and debugged automation tests using python selenium.
- Implemented Google analytics (ga4) events with google tag in React frontend.

Factory39, Limassol

02/2022 – 08/2022

Full-Stack Developer: Java, Ruby, Kotlin, React and Node

- Developed the currently used Vatable shipping labels for Royal Mail on eBay's platform in Java.
- Debugged and deployed tickets to staging and production environments.
- Created email signatures with HTML and CSS and configured, updated, created, and ran Jenkins builds.

Proto.io, Nicosia

07/2020 – 08/2020

Intern

- Performed maintenance in Node.js by observing changelogs and updating dependencies with and without breaking changes.

Vavel Ltd., Nicosia

08/2015 – 08/2015

Intern

- Developed first impression of programming by being introduced to C# and Visual Studio.

Education

Cyprus International Institute of Management

2021-2023

Executive MBA

Final Grade: A*

University of Leeds, School of Computing

2018–2021

Computer Science BSc

Final Grade: 1st

Hackathons

QuadCode HackAlthon 2024 - 1st place

Developed an AI companion chrome extension that recognised trading patterns with computer vision and drew squares pinpointing the type of pattern and confidence level.

IDEA Innovation Bank of Cyprus Hackathon 4.0 2023 - 3rd place

Created a platform where auditors could register, view their customers, and request access to each of them immediately using Bank Of Cyprus' open banking APIs,. Similarly, customers could log in and provide consent in real-time, at which point the bank would automatically authorize the auditors to view the customer's balance data until the date of consent.

Projects & Exploratory Software

Microservice with log service, RabbitMQ, gRPC & RPC in Go with Docker & Docker Swarm

- Created a platform using event-driven architecture with a message broker that sent events to an authentication service, an audit log service that receives logs via rpc and a mail service through a RabbitMQ queue worker in golang.

Sports Centre Booking System

- A 4-month software engineering project with Flask web framework using agile methodologies (scrum) that acted as a booking system and website for a sports centre.

9GAG clone prototype

- Created a website clone of <https://9gag.com/> that allowed users to create an account, post pictures with tags, share their location on the post and included tag view sections using the Flask web Framework and deployed it using pythonanywhere.

Search Engine indexing and web scraping

- Developed a RESTful API in python using Django and a web scraper that scrapes a website and stores its contents in an index file that is queried using python to act as a search engine.

Skills, Activities & Interests

Technical Skills: Golang, React.js functional and class components, MYSQL, AWS, HTML5, CSS, JavaScript, Jinja2, python, sqlite3 and Flask, Python Selenium for web automation, Docker, RPC

Soft Skills: Strong Communication and Presentation skills, Business/Customer Awareness, Project management

Interests: Drums, pool, volleyball, PC building/repairs, smart home setup, Brown belt in Karate

Achievements: Organized the first high school hackathon in Limassol 2016 streamed worldwide with MLH, School Valedictorian (Pascal English School), 1st prize in English IELTS, Runner-up at Public Speaking, Medi M.U.N., Science fair competition 2nd Place