




Loukas Merkouris

Software Engineer

✉ loukasmerkouris@hotmail.com ☎ +30 6983656908  LinkedIn  My Website  GitHub

EXPERIENCE

P3 | SOFTWARE ENGINEER

February 2023 – Current | Athens, Greece

- Extensively design and implement APIs utilizing **Django**, **Django REST framework**, and **FastAPI**, showcasing a strong proficiency in creating robust, scalable services tailored to business needs.
- Actively contribute to the design and development of libraries that facilitate real-time data streaming, enhancing the efficiency and performance of data handling processes.
- Engage as a key member of an agile team, actively providing solutions and insights that drive project success.

CARV-ICS-FORTH | RESEARCH ASSISTANT

September 2021 – December 2021 | Heraklion, Greece

- Design and implement an authentication system via **OAuth2.0** and Open ID Connect using **Python**, **Django** and the **Django OAuth Toolkit**.
- Authenticate users against an **LDAP** database using **Django Auth LDAP**.

EDUCATION

MASTER'S IN INFORMATION SYSTEMS DEVELOPMENT AND SECURITY | ATHENS

UNIVERSITY OF ECONOMICS AND BUSINESS

Present | Athens, Greece

- Started my Master's in Information Systems Development & Security, focusing on key areas of system development and cybersecurity.

BACHELOR'S IN COMPUTER SCIENCE | UNIVERSITY OF CRETE

March 2022 | Heraklion, Greece

- Acquired my Bachelor's degree in Computer Science.

PROJECTS

MINI INTERNET PROJECT | PYTHON

2020

- Successfully implemented and configured a mini internet infrastructure by establishing an Autonomous System (AS) utilizing Open Shortest Path First (OSPF) protocol for internal routing and connectivity.
- Utilized Border Gateway Protocol (BGP) for external routing and connectivity between different ASes.
- Conducted extensive testing and troubleshooting to ensure proper routing and connectivity within and across ASes.

PHOTOBOOK A SOCIAL NETWORK | JAVA, JDBC, MYSQL, HTML, CSS, JAVASCRIPT.

2020

- Developed a full-featured social network platform using Java for the backend and HTML, CSS, and JavaScript for the frontend.
- Implemented features such as user registration and login, creating and viewing posts, adding friends, and sending messages.
- Designed and implemented a responsive user interface using Bootstrap.

SKILLS

PROGRAMMING

Proficient:

Python • SQL

Experienced:

C • Java • C++ • JavaScript
CSS • HTML5

Familiar:

Rust • Assembly • Kotlin

FRAMEWORKS/LIBRARIES

Django • FastAPI • NestJS
NodeJS

TOOLS/PLATFORMS

Git • Docker • Kafka • spark
Apache Ozone • Linux
Windows • Powershell • Bash
Scrum • Azure • Web Scraping

LANGUAGES

- Greek (native)
- English (C2)

OTHER

- Military service fulfilled