Loukas Merkouris

Software Engineer

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EXPERIENCE

P3 | SOFTWARE ENGINEER
February 2023 – Current | Athens, Greece

- → Specializing in **Python**, and frameworks **Django** and **FastAPI**.
- → Responsible for designing, developing, implementing and unit testing numerous **APIs**, **services**, and **tools** tailored to project requirements.

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**.

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 • MySQL

Experienced:
C • Java • C++ • JavaScript
CSS • HTML5

Familiar:
Rust • Assembly • Kotlin

FRAMEWORKS/LIBRARIES

Django • FastAPI • React
NodeJS

TOOLS/PLATFORMS

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

EDUCATION

UNIVERSITY OF CRETE

BACHELOR'S IN COMPUTER SCIENCE
Mar 2022 | Heraklion, Greece
Computer Science Department

LANGUAGES

- Greek (native)
- English

OTHER

- Military service fulfilled