Athanasios Papias

Entry-level Software Engineer / Full-Stack Developer /
App Development Enthusiast / ReGenaration Finalist 2024

<Contact/>

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Portfolio Webpage
thanasis-pap.github.io/portfolio

<Technical Skills/>

Software Skills

IBM Cloud, Android Studio, Unity, MS Visual Studio, Eclipse, Git/GitHub, Docker, WordPress, Drupal, Jira

Programming Skills

JavaScript Frameworks (React, NodeJS), Java, C/C++, CSS3, HTML5, Bootstrap, Django, Flask, Flutter, Python, Python math and data processing libraries (sklearn, numpy, scipy, pandas), Sqlite, MySQL

<Power Skills/>

Problem Solving
Teamwork
Creativity
Responsibility
Stress Resistance

<Publications/>

"NeuroSuitUp: System Architecture & Validation of a Motor Rehabilitation Wearable Robotics & Serious Game Platform", MDPI, Sensors 2023.

<Foreign Languages/>

Greek: Native
English: C2 (Fluent)
German: B1

<About/>

I am a software developer with teamwork and problem-solving as my strong points. I thrive in team environment, always seeking efficient and innovative solutions. Competent in Python and C/C++, I am currently expanding my knowledge in JS frameworks, like React and ExpressJS, as well as other Cloud Technologies.

<Education/>

Sep 2023 — **Integrated Master of Engineering - MEng: Computer Science & Engineering**
University of Ioannina, Greece.

- **Thesis Statement:** Implementation of a Switched Mode Power Supply (SMPS), digitally controlled by an STM32 micro-controller. Approximately **150%** more accurate than a market-level DC power supply. ⬈
- Board Member of IEEE Student Branch, 2017 - 2019.

Jul 2023 — **IBM Full Stack Software Developer Certificate**
issued by Coursera. ⬈

<Work History/>

Jul - Aug 2022 — **Internship**
Participated in NeuroSuitUp/Heroes project for rehabilitation via neuroplasticity using a wearable device. Lab of Medical Physics and Digital Innovation, A.U.Th., Thessaloniki Greece.

- Reworked the project's website, using WordPress, CSS and PHP into a faster, modern looking and informative website.
- Developed a cloud-based, human joints motion tracking application with the use of Unity, Nuitrack SDK, Husarnet and Docker to evaluate the project devices' sensors.

<Honors & Competitions/>

2017 - 2022 — **Google HashCode**
- Participated in the Online Qualification Rounds, best score: 457.283 pts.

2014 — **First Lego League (FLL)**
- Achieved **1st** place in the FLL Education Robotics and Innovation Competition of Greece.

<Personal Projects/>

Web app — • IBM Cloud App Development Final Project ⬈

App — • Contact Lenses App (Flutter) ⬈

App — • Password Manager App (Flutter) ⬈