Athanasios Genidounias | CV

Software Developer and Computer Engineer

Status: Junior
Fields: Software Engineering
Activities: Board Games, Fitness, ARDUINO

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Summary

As a passionate programmer, I ranked sixth in the Department of Informatics and Computer Engineering at the University of West Attica entering exams. While I value my education, I believe practical work experience is invaluable, driving my eagerness to enter the industry promptly.

Proficient in Java and C++, my diverse work history has equipped me with the skills and knowledge to handle complex projects. I excel at delivering assignments on time, thanks to balancing academic and professional commitments.

Currently, I am the Project Manager for the team Talos of the University of West Attica, while also working as a mid-level developer on the MyEPO project at the European Patent Office (EPO). Collaborating with agile teams across Europe, I prioritize effective communication and cooperation to achieve desired results.

In summary, my combination of academic excellence, work experience, and programming skills makes me a dedicated professional eager to contribute to the industry's evolving landscape.

Job Experience

Sword Group - Software Developer   2022 - 2023

· Played a key role in the New User Area project for the European Patent Office

· Contributing to the development of backend services using Java 11 and Java 17.

· Unit and Integration testing

· Spring Boot and Spring Cloud Data Flow frameworks.

· Elastic

· DB2 databases

· Jenkins

· Kafka

· Kubernetes

· Monitoring and visualizing system metrics and performance using Grafana

· Managed project tasks and tracked progress using Jira.

· Git

· Implemented Git version control and collaborated with teams using GitHub and Bitbucket.

· Confluence for documentation and knowledge sharing.

· ArgoCD

· Elastic logs

· JMeter

Talos U.V.S. - Project Manager and Developer   2022 - 2023

· Developed project plans, defining tasks, timelines and resource allocation to ensure efficient project execution.

· Conducted regular team meetings, facilitating effective communication and coordination among team members.

· Leveraged open-source computer vision library OpenCV to develop computer vision algorithms for UAV applications.

· Utilized Raspberry Pi boards for integrating computer vision capabilities into UAVs, enabling real-time image processing and analysis.

Pita kalamaki - Part-Time Cashier and Delivery   2021 - 2023

· Provided exceptional customer service by effectively communicating with customers and addressing their inquiries or concerns promptly.

· Successfully handled cashier duties

· efficiently processing transactions and maintaining accurate records.

Its Alive Lp - Software and Electrical Engineer   2020 - 2022

· Developed IoT services by programming Arduino boards using C language, enabling seamless connectivity and automation.

· Installed electrical circuits, ensuring efficient and safe power distribution for various systems and devices.

· Manufactured and programmed sensors to collect and analyze data

· Served as an in-house IT specialist, providing technical support and troubleshooting for hardware and software-related issues.

· Conducted thorough testing and debugging of software and hardware components, ensuring quality and reliability.

· Actively participated in brainstorming sessions and contributed creative ideas to enhance product features and user experience.

Haidemenos S.A - Logistics Assistant   2017 - 2020

· prepared and deployed advertising material packages for the Greek Organisation of Football Prognostics S.A., ensuring accurate and timely distribution.

· Coordinated with a team to efficiently manage logistics operations, including inventory management, packaging, and shipment tracking.

· Ensured proper documentation and compliance with regulatory requirements during the preparation and transportation of materials.

· Implemented effective communication and coordination strategies within the team, resulting in streamlined processes and improved efficiency.

Skills and Knowledge

Java - Proficient   2019 - Present

· In-depth understanding of object-oriented principles (abstraction, encapsulation, inheritance, polymorphism)
· SOLID principles
· Managing classes and objects, Interfaces and object methods
· Proficient in developing REST APIs and microtransactions
· Web services using frameworks like Spring Boot, Hibernate Apache and VertX.

Databases - MariaDB MySQL PostgreSQL   2020 - Present

· Solid understanding of databases
· Concepts of data modeling
· Relational databases
· SQL programming language
· Proficient in working with MariaDB, MySQL and PostgreSQL databases.

C++ - Proficient   2019 - Present

· Strong foundational knowledge of C++ programming
· including managing classes, objects, interfaces, networking as well as multithreading concepts..

Python - Games and University Projects   2019 - Present

· Developed small games such as minesweeper and tic-tac-toe. Worked on university projects
· including machine learning projects.

Education

Undergraduate Student - University of West Attica   2020 - Present

· Masters Degree

Offensive and Defensive hacking lessons -   2021 - Present

· HackTheBox Academy
· Over The Wire

Languages

English - ECCE

German - A2

Technical Proficiencies

Programming Languages

- C, C++, C#, Java, PHP (laravel), Python , Assembly, Matlab, Android Studio

- SQL

- Batch Scripting, Bash Scripting

- HTML, CSS, Javascript

Operating Systems - Windows, MacOS, Linux, Android

Office Applications - Microsoft Office, LibreOffice, OpenOffice, lateX

Robotics and Electronics Applications - VHDL, ARDUINO, Modelsim, Multisim

Networking - Packet Tracer, WireShark

Multimedia editing Applications - Adobe Photoshop, Adobe Premiere Pro

Other - Docker, Git

Projects

Some of my Projects - https://github.com/akisnoobotrolis?tab=repositories

Certifications

Complete Guide to Elasticsearch - Bo Andersen

Spring Framework 5: Beginner to Guru - Spring Ahead Code Academy

Apache Kafka Series - Learn Apache Kafka for Beginners v3 - Conduktor Kafkademy

Python for Data Science and Machine Learning Bootcamp - Jose Portilla

Python for Computer Vision with OpenCV and Deep Learning - Jose Portilla

Notice Period

2-3 Weeks

Current location

Athens, Greece

Citizenship and Visa Status

Citizenship: Greek

Visa Status: N/A (Unrestricted work authorization within the European Union)