

NISIOTIS MARINOS

Software Engineer

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Military Services = Completed

EXPERIENCE

Software Engineer in Test

Allwyn Lottery Solutions

Feb. 2022 – Mar. 2024 Athens

- Design, Develop, and Maintain UI Test Suites. Also contribute to establish and maintain the integrity of continuous integration and delivery pipelines, supporting agile development methodologies. Oversee the operational health of testing environments, ensuring they are stable and ready for use. Create mock data sets for both UI and API testing, which enhance the test scenarios. Contribute to important migration of Gradle libraries from Jenkins pipelines to Github Actions, in order to optimize build and deployment processes.

C++ Developer

Intralot

March 2024 – Ongoing Athens

- Develop and Maintain existing code for remote terminals. Upgrade existing custom libraries or use new ones.
- Create and complete internal tool that collects information from multiple remote terminals and stores them into DB, using the SSH as main technology among others.
- In-depth involvement with aria2, an open-source library for download management.

EDUCATION

Bachelor's Degree, in Computer Science

University of Piraeus

Oct 2016 – Sep 2020

Thesis title: Calculations in Multi-Dimensional Space

PROJECTS

Project 1

Retrieve created package from Github repository

- Retrieve/download any type of package that is created and hosted in Github, using this tool. Comes in handy if this should be done to many repositories.
- Uses GraphQL for selectively API queries and shunit2 for testing purposes.

Project 2

Use Git commands to multiple local repositories

- Provides users with the ability to edit multiple repositories requiring the same changes simultaneously. Also includes a feature to perform Git commands across multiple repositories easily. There is also the option to retrieve many packages from the Github, combined with the previous tool.
- Uses sed tool for context editing and shunit2 for testing purposes.

Project 3

morse-encoder/decoder

- Create program for encoding/decoding binary code to morse symbols and parse them to human readable string.

Technologies used: Python 3.10 , c++ version 14

g++ compiler version 5 , pybind11 library

Docker , Github Actions for CI/CD.

Project 4

Simple Transactions Springboot Application

- Create a simple springboot application for transactions. Use Postgresql docker image for data storage and portable DB for every machine. Create appropriate APIs for account creation, money transfer.

SUMMARY

“C++ developer. Responsible for maintaining and upgrading code for remote terminals or libraries. Communicate with other members of the team to complete Jira tasks.”

EXPERTISE

Languages

C++

Python

Bash Scripting

Java

Groovy

Libraries/Frameworks

aria2

qmake

Springboot

Gradle

Platforms/Tools

QT Creator

Docker

SSH

Jenkins Pipelines CI/CD

Git

Github Actions

Databases

PostgreSQL

Operating System

Windows

Linux(Ubuntu)

UNIX/MacOS

CERTIFICATIONS

- C++ Templates and the STL
- C++ Design Patterns: Creational
- Learning Python (2020)
- Learning Git and GitHub
- Git Essential Training
- Git: Branches, Merges and Remotes GitHub Actions: Learning GitHub Actions

LANGUAGES

Greek

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English

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