Kanellatos Gerasimos

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Education

2018 – present Kastoria, Greece	**Information Technology Engineer** *University of Western Macedonia Kastoria*
2015 – 2018 Katerini, Greece	**Computer & Network Technician** *2nd Vocational High School of Katerini*

Professional Experience

2018 – 2021 Katerini	**Junior Developer and IT support** *PointView* Hardware, Software, Web Development, Troubleshooting
01/2023 – 05/2023 Katerini	**Junior Automation Software Developer Internship** *Samaras.net* Software research and development
11/2023 – 08/2024 Alexandroupoli	**Clerical Duties and Technical Services in Signal Corps** *Hellenic Army* Monitored and resolved IT issues, managed classified correspondence, and handled military communication equipment with expertise in cybersecurity and technical support.

Skills

- Python
- C++
- JavaScript
- Linux
- Git
- Docker
- SQL
- MQTT
- VPS
- Web Development
- Large Language Model (LLM)
- Problem Solving

Projects

Discord-Bot 🔗
A project that I develop in my spare time and offers some additional features to a personal ***Discord server*** 🔗 , such as assigning "roles" to new members, welcoming them, etc.

Velocity
It is a game built on ***Unreal Engine 4*** 🔗 in which one or more players control a Kart and compete on the same track to see who can set the best lap time

Discord Video Compressor 🔗
This is a video compressor application that allows you to compress video files for use on Discord. It is built using Python, Tkinter and FFmpeg

IOT Dashboard (Thesis)
A Flask application that includes routes for user authentication, device registration, user registration, and data visualization. It uses MySQL for database operations and MQTT for messaging. The application allows users to log in, register devices, register users, and view data from registered devices. It also includes functionality for editing and deleting devices and users.

MQTT Live Data Visualization Web App
A Python Flask application that uses the Flask-MQTT extension to connect to an MQTT broker. It subscribes to a list of topics and receives messages containing JSON data. It stores the received data in a dictionary and renders an HTML template with the data for display in a web browser.

Button Press Tracker and Data Export
The application tracks button presses, storing the count and timestamp in an SQLite database. The home page displays the latest count and timestamp, while the user can download all button press data or filter and download data based on the date range. The data is exported in an Exile format for easy analysis and record-keeping.

ZipMail Express
ZipMail Express is a Flask-powered application designed for seamless file sharing. Users can upload files, which are compressed and stored on an FTP server, while recipients receive personalized email notifications with secure download links. The app integrates random imagery from Pixabay, uses a customizable HTML email template, and auto-deletes old files after six days, ensuring a smooth, efficient, and visually dynamic file transfer experience.

Certificates

IBM Introduction to Cloud Computing 🔗	**Automate the Boring Stuff with Python Programming** 🔗	**Introduction to Front-End Development** 🔗

Languages

Greek *Native*	**English** *B2*