



Argyrios Tsagkalidis

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CONTACT

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ABOUT MYSELF

Experienced IT professional with a background in systems administration, on-site support, and hardware maintenance. I hold a BSc in Electronics Engineering, complemented by certifications in C, Python, cybersecurity, SQL, Azure Cloud, and Cisco networking. Proficient in a range of technologies, including Windows and Linux systems, networking, scripting, software development, CI/CD with Docker containers, and cloud services. A problem-solver with a strong focus on optimizing IT environments, ensuring security, and delivering top-tier remote and on-prem support.

WORK EXPERIENCE

Capgemini Engineering | Group IT

Department Global On Site Support (GOSS) | **Website** <https://www.capgemini.com>

Global On-Site Support Engineer

2024 – Current

Networking | resolving tickets | hardware maintenance | system-room maintenance | user account management | remote and on-site support

HDL Design House

Department Network Operation Center (NOC) | **Website** <https://www.linkedin.com/company/hdl-design-house>

NOC Systems Administrator

2022 – 2024

Networking | resolving tickets | hardware maintenance | user account management | security monitoring | on-site support | system-room maintenance

Target Power Group

IT Helpdesk

2018 – 2022

Equipment implementation | networking | hardware maintenance | user account management | backup planning

Target Power Electronics

Computer Hardware Technician

2013 – 2018

Laptop repairing and maintenance | computer diagnosing | computer assembling/ disassembling | SMD soldering | BGA reworks | IC reprogramming | technical support

EDUCATION AND TRAINING

Computer Science Certificates

[Azure Fundamentals AZ-900 - Microsoft Certified](#)
[Python Data Structures - University of Michigan](#)
[Professional Certificate in CS for Python - Harvard edX](#)
[Computer Science CS50X - Harvard edX](#)
[Programming with Python CS50P - Harvard edX](#)
[Cybersecurity CS50CS - Harvard edX](#)
[Networking Essentials for CCNA - CISCO Network Academy](#)

English Language Certificates

LRN C2 - Esolnet
FCE B2 - University of Cambridge

BSc in Electronics Engineering Technological Educational Institute of Thessaloniki - Department of Electronics Engineering

- Specialization on microprocessors/microcomputers field of study.
- Internship at [Papastolou Healthcare Technologies](#).

Thesis Appliance power usage monitor

School Graduate 1st Vocational School of Xanthi - Analogue Electronics (Field of Study)

PROJECTS

01/2023 – CURRENT

ArcanaPDF

ArcanaPDF is a personal, free, and open-source project designed to streamline the creation of character sheets for 5E compatible TTRPGs.

A brief list of the stack is *Flask/Jinja2, JavaScript/HTML/CSS, Redis, MySQL (SQLAlchemy), Gunicorn, Nginx, Docker, GitHub Actions*.

Link arcanapdf.onedice.org

07/2025 – CURRENT

NamEngine

A dynamic and creative fictional name generator for writers, game masters, and creators.

A brief list of the stack is *Flask/Jinja2, JavaScript/HTML/CSS, Docker, GitHub Actions*.

Link namengine.onedice.org

04/2025 – CURRENT

CTerminal

Created with FastAPI, this app is a browser-based terminal that runs subprocesses on any server.

Link cterminal.onedice.org

10/2024 – 10/2024

LLM API Wrapper

A containerized API that runs in an Ollama server to resolve AI text-to-text requests.

You can try it out using the following command on Windows CMD, although it will partially work since you don't own an API key.

- `curl -X POST "https://llm.apis.onedice.org/api/generate"`

Link llm.apis.onedice.org

03/2024 – 03/2024

SMTP Relay API

A containerized SMTP relay that redirects the email content to the recipient while sending an acknowledgement email to the sender.

You can try it out using the following command on Windows CMD - just replace "youremail@placeholder.com" with your actual email.

- `curl -X POST "https://smtp.apis.onedice.org/send_email" -H "Content-Type: application/json" -d '{"name": "CV Reviewer/Tester", "email": "youremail@placeholder.com", "subject": "Remote server test mail", "message": "This is a test email coming from a CV reviewer."}'`

Link smtp.apis.onedice.org/send_email

06/2023 – CURRENT

PyPi Package fictional-names

A PyPi Python3 package that lets the user create randomized fictional names for several scenarios.

Links pypi.org/project/fictional-names/ | github.com/a-tsagkalidis/fictional_names_package

10/2024 – 11/2024

Timesheet validation tool

Built with Python and TKinter, timesheet validation tool checks for errors in batches of timesheet Excel files. The app was built to support the HR department's monthly timesheet validation tasks.

Link github.com/a-tsagkalidis/tsvalidtool

05/2024 – 05/2024

Access controller report exporter

This Python script retrieves timestamps from an Excel file containing swipe records and exports them to a new xlsx. It allows you to filter the data by person's name, year, and month. This script was written to assist the Security department's monthly report tasks.

Link github.com/a-tsagkalidis/cico_report_exporter

04/2024 – 04/2024

URL redirect checker

A Python script that reads a list of URLs in an Excel file and checks if their expected redirected URLs correspond properly. It was written as part of my IT role to support my team on a legacy WordPress site migration to a new domain.

Link github.com/a-tsagkalidis/url_redirect_checker

SKILLS

PROGRAMMING AND SCRIPTING LANGUAGES

Python 3 | C | Assembly | HTML / CSS / JavaScript | SQL | Bash | PowerShell

OPERATING SYSTEMS

Windows OS since Windows '98 | Linux/Unix-based OS | Working in CLI

NOTABLE DEV TOOLS, FRAMEWORKS, AND LIBRARIES

Flask | FastAPI | Gunicorn | Jinja2 | SQLAlchemy | Locust | Selenium | PyPi Packaging | Bootstrap | JQuery | AJAX | Redis

DEV CLIS AND OTHER TOOLS

Git | GitHub Actions | Docker CLI | GitHub CLI | Azure CLI | MS-SQLServer | JSON/YAML | CI/CD | CloudFlare | VS Code

NETWORKING

VPN | NGINX | Firewalls | SFTP | NAS | SSH | CISCO iOS | RouterOS | DNS | Port Forwarding | VPS

SYSADMIN CLOUD SERVICES AND TOOLS

MS Azure | MS 365 | MS Intune | ServiceNow | MantisBT | LogMeIN | DC/AD/GPOs | Self-Hosted Servers | ESET Protect | PuTTY | Power Automate | Icinga2 | NoMachine NX Client

WEB AND CMS

CMS WordPress | CMS Magento | Web Browsers

DRIVING LICENCE



Driving Licence: B

MILITARY SERVICES



Combat Support Arms - Signal Arms