# DAVID YUNTA

david.yunta.aller@gmail.com
+34 679266009
Online Portfolio

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## EXPERIENCE

**The Cocktail - DevOps & Cloud Architect - Junior** · **2023** – **2024**

Full-time role with the Data DevOps team in the client Inditex, where I developed and maintained extensive pipelines, automating resource-intensive tasks using Python and Golang.

Led the creation, maintenance, and deployment of ADO pipelines, enabling an automated approach to deploying and managing all sorts of operations within the Databricks platform.

**The Cocktail - DevOps & Cloud Architect - Internship** · **2023**

Managing and deploying Azure Kubernetes Services (AKS) for various clients. I played a key role in developing end-to-end CI/CD pipelines using Azure DevOps, implementing IaC with Terraform, and ensuring code quality with Bitbucket and SonarQube.

I contributed to the architectural process, providing insights for efficient cloud solutions and actively participating in the cloud infrastructure design process.

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## CERTIFICATES

**Microsoft Certified: Azure Administrator Associate** · **2024**

Topics include managing Azure identities and governance, implement and manage storage, deploy and manage Azure compute resources, implement and manage virtual networking, monitor and maintain Azure resources.

**Harvard University CS50w: Web Programming with Python and JavaScript** · **2023**

Topics include continuous integration and continuous delivery (CI/CD), APIs, Python, Django, JavaScript, React and Containerization.

**Microsoft Certified: Azure AI Fundamentals** · **2023**

Topics include artificial intelligence workloads and considerations, fundamental principles of machine learning on Azure, features of computer vision workloads on Azure, features of Natural Language Processing (NPL) workloads on Azure and features of generative AI workloads on Azure.

**Microsoft Certified: Azure Fundamentals** · **2023**

Topics include cloud concepts, Azure architecture and services and azure management and governance.

**Harvard University CS50x: Introduction to Computer Science** · **2021**

Topics include abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web programming. Languages include C, Python, and SQL plus HTML, CSS, and JavaScript.

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## EDUCATION

**42 School - Cursus Student** · **2022 - 2024**
As part of the Telefónica Foundation, 42 School offers computer science education with an emphasis on software development.

The curriculum covers problem-solving, design patterns, data structures, OOP, Linux system administration, containerization, virtualization, and more

**42 School - C Bootcamp** · **2022**
Completed a 30-day challenge building projects, mainly in C and Bash Shell. Located on Campus 42 at the Telefónica Headquarters.

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## PROJECTS

**Chatbot OpenAI API** · **2023**
As part of my role at The Cocktail, I took the initiative to develop an advanced chatbot assistant.
- Implemented using Retrieval Augmented Generation (RAG).
- Utilized Langchain and the OpenAI API for natural language processing.
- Employed Redis as a vector store and ADA as the embedding model.
- Python Flask framework as the backend.
- Facilitated communication between the client and server through websockets using the Socket.IO library.

**PomoTracker** · **2022 - 2023**
PomoTracker is a customizable pomodoro timer app. It allows users to create and save custom timers, and track their progress over time with insightful graphs and statistics.
- Let me get a good understanding of primal web technologies.
- Implemented using Django as the backend, vanilla JS, html and css in the frontend.

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## TECHNICAL SKILLS

**Languages:**
- Python
- C
- Golang
- Yaml

**SaaS, PaaS, and systems**
- Azure Devops
- Terraform
- Github Actions
- Linux
- Docker/Containers
- Kubernetes
- Databricks

**Cloud:**

  • Azure

## LANGUAGES

- English: C1 Cambridge Certified
- Spanish: native speaker