Odysseas Herodotou

Software Engineer • Founder of StartUp Hero
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Education

B.Sc. Computer Science (Hons) – First Class 09/2023 – 06/2026
University of Manchester
Coursework in data structures, algorithms and systems programming.

A Levels & Apolytirion (19.67/20) 09/2015 – 06/2022
The English School, Nicosia
Computer Science: A*, Mathematics: A*, Further Mathematics: B, Greek: B

Professional Experience

Application Engineer I 09/2026 – Present
Vanguard Asset Management *Manchester*
- Developing and maintaining internal Vanguard systems across frontend and backend.
- Building with Java Spring Boot, TypeScript and Node.js.
- Using AWS S3 for storage, AWS Glue, ECS and EC2 for batch compute, and AWS Athena for query-based analytics on large datasets.

Software Engineer Intern 06/2025 – 08/2025
Vanguard Asset Management *Manchester*
- Developed secure fraud-detection and anti-money-laundering features, helping protect over £200,000 of client assets in the past year.
- Built across the stack with React, TypeScript and Node.js; used AWS S3 and Athena for storage and large-scale analytics.

Web Developer 08/2024 – 04/2025
BeemAd
- Built a distributed system serving large-scale, location-based adverts on display-mounted delivery backpacks, using Raspberry Pi and Android units with real-time data processing.
- Designed a custom CI/CD pipeline for automatic updates and testing via GitHub webhooks and JSON API endpoints, with clients in Python, Bash and Java.
- Built an advertiser platform for location-targeted ads using the OpenStreetMap API, plus a management platform for payments, billing and ad data (PHP, MySQL, jQuery, Bootstrap, SCSS).

CEO & Founder 11/2022 – Present
StartUp Hero *Cyprus*
- Deliver scalable software systems for clients, including an athletic academy management platform used by leading Cypriot academies (APOEL, Anorthosis, Ev Zeen).
- Built a booking platform for UBook Cy covering event ticket sales and restaurant reservations.
- Built an in-house food ordering system for Photos Photiades Group (PHP) and a building management platform for communal expenses.

App Developer Intern 06/2019 – 08/2019
Cocoon Creations *Cyprus*
- Full-stack app development using Swift, Python, Ajax and JSON.

Early Ventures

CEO & Founder 08/2018 – 08/2020
CanTeens LLC (Delaware)
- Founded a school canteen food-ordering app (Swift, Java), launched at The English School with 400 daily active users.
- Grew the business through AngelHack's 12-week accelerator; 2nd place in Junior Achievement Cyprus out of 50 teams.

CTO 2019 – 2020
Ciclo – Junior Achievement Cyprus
- Built a platform for renting appliances and furniture to reduce electronic waste, with a map of recycling points across Cyprus. 3rd place nationally; commended by President Nikos Anastasiades.

Awards & Service

2nd Place, CASSINI Hackathon (5th Edition) 2023
Python, Jupyter Notebook, Machine Learning
- Processed Sentinel-1 satellite data with machine learning, correlating AIS signals with ship imagery to detect illegal vessels and alert nearby ships and authorities.
- Personally commended by the Chief of Defence of the Cyprus National Guard for the project's impact on safety and security.

Assistant Staff Sergeant 2022 – 2023
Cyprus National Guard
- Trained as an anti-tank specialist, achieving the highest grade in the school; stationed at the front-line Ledras outposts.
- Managed schedules for 45 soldiers and built two software tools for soldier and unit management.

Projects & Community Work

Fight Air Pollution | *2GIS, Google Maps API* 2020 – Present
- Founded a citizen-led initiative against toxic factory emissions in Dali, Nicosia; built a platform for residents to report incidents, visualising smell intensity on a real-time regional map to support the campaign to relocate the factories.

COVID-19 Lab Results Platform | *PHP, MySQL, JavaScript* 2020 – 2021
- Built a secure patient portal with Zoi Medical Diagnostic Center to deliver real-time COVID-19 test results at scale, cutting waiting times during testing.

Chain of Change | *PHP, MySQL, JavaScript, cURL* 2020 – 2022
- Built a donation platform for students during the pandemic; led drives raising over €10,000 in six months.

LePontCy – Bridges of Solidarity Hackathon | *Web* 2020
- Built a platform for Beirut residents to list needs and receive global donations after the August 2020 explosion.

Technical Skills

Languages	Java, TypeScript, JavaScript, Python, PHP, Swift, SQL, Bash
Frameworks	Spring Boot, Angular, React, Node.js, Bootstrap, jQuery
Cloud & DevOps	AWS (S3, Glue, ECS, EC2, Athena, Lambda), CI/CD, GitHub webhooks, Linux server administration