

Ioannis Magalhaes

London, UK — Ioannishenry@hotmail.com — LinkedIn — Portfolio

Personal Summary

Software Engineer specializing in cloud infrastructure and serverless architectures to drive large-scale digital innovation. Proficient in Python, Java, and SQL, with a focus on delivering automated, everything-as-code infrastructure that ensures platform scalability and operational reliability. Adept at navigating Agile environments to build secure, high-performance solutions that support global business growth.

Technical Skills

- **Cloud & Infrastructure:** GCP, Serverless, IaC, Bash/Linux scripting
- **Languages:** Python, Java, C++, SQL, TypeScript
- **Backend:** FastAPI, Spring Boot, Django (DRF), REST APIs, BigQuery
- **Frontend:** React, React Native, Vite, Tailwind
- **Tools:** Git, GitHub/BitBucket, Docker, Terraform, CI/CD

Experience

Cloud Software Engineer - Rentokil Initial

April 2026 – Present

- Used Python, Java, GCP, Terraform, and Docker to design and develop scalable, automated backend services supporting IoT data pipelines and frontend product delivery.
- Ensured codebase quality and deployment reliability through TDD, unit testing, CI/CD pipeline implementation and concise documentation.
- Worked cross-functionally with Business Analysts and QA Testers to validate requirements and ensure smooth delivery across the full software lifecycle.
- Delivered tasks and features on schedule by planning and tracking work across agile sprints, epics, and user stories in Jira.

Full-Stack Web Developer – Freelance

December 2025 – April 2026

- Developed solutions that increased the traffic of small businesses by 100% through SEO and setting up their business with Google Business.
- Created scalable and future-proof solutions by maintaining different React components for different sections, allowing quick debugging and efficient section editing.
- Managed version control and technical documentation via Git to ensure seamless team hand-overs.

Full-Stack Developer – Melanin Minds

April 2025 – January 2026

- Built and optimized mobile interfaces in React Native, improving usability and reducing input errors through conditional rendering, streamlined navigation, and responsive design.
- Developed and deployed 10+ RESTful API endpoints with Django, enabling fast, reliable communication between mobile apps and backend services; reduced load times and API error rates.
- Designed scalable relational database schema with 7+ interconnected tables, ensuring data integrity and supporting future feature expansion through normalized structures.
- Delivered full-stack features independently end-to-end, integrating front-end and backend components to create seamless user experiences and reduce development bottlenecks.

Education & Certifications

BSc Computer Science – University of Essex - 1st Class Honours

(2021–2023) Dean's List of Excellence

(2021/2022) Pass with Distinction

2021–2024

- Python & React Development Courses – Mthree (2024)