



Alessandro Arnò

Full Stack Developer

A passionate software developer specialising in creating user-friendly applications with clean, maintainable code. Energetic and curious, I excel in learning new skills, managing projects, and driving innovation. Experienced in remote work and startup consulting, I thrive in collaborative environments. Outside of work, I enjoy competitive swimming, astronomy, tennis, piloting, and cooking, reflecting my commitment to learning and exploration.

Contact

Website

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Email

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Location

Rotherhithe, London

Education

2018

MEng Aeronautics & Astronautics w/ Spacecraft Engineering

University of Southampton

2014

Engineering Foundation Year

University of Southampton

2013

IB Diploma Programme

International School of Luxembourg

Expertise

- Next.js | React | Remix
- FastAPI | Flask | Django
- MongoDB | Redis | Cassandra
- Docker | Kubernetes | Podman
- pytest | unittest | doctest
- Playwright | Cypress | Jest
- Vercel | Netlify | Render

Languages

- English
- French
- Italian
- Spanish

Experience

○ 2023 - 2024

GE Aerospace | Bishop's Cleeve, Cheltenham

Systems Verification Consultant

Led the development of a customised packet capture utility aimed at providing in-depth insights into 777X Remote Data Concentrator network traffic, as well as a Test Procedure Suite to mitigate technical debt by minimising the time gap between test case definition and execution.

○ 2023 - Present

Devarno Ltd | Rotherhithe, London

Full Stack Developer

Launched my own software consultancy specialising in Next.js and Python-based web applications. Built and deployed full-stack solutions reaching users across 40+ countries and handling 2K+ monthly requests. Implemented CI/CD pipelines and microservices architecture using Docker and MongoDB.

○ 2022 - 2023

Nocodelytics Ltd | Islington, London

Frontend Consultant

Led the redesign of Nocodelytics' analytics dashboard, optimising data visualisation and user flows for business metrics. Implemented performance improvements that reduced page load times and enhanced real-time data processing for customer analytics.

○ 2021 - 2023

Code & Wander | Bishopsgate, London

Frontend Consultant

Assisted the frontend migration of Brandwatch.com to TypeScript, implementing robust type safety and form testing. Led the conversion of a high-traffic blog platform and report generation system from PHP, improving maintainability and reducing runtime errors.

○ 2018 - 2020

GE Aviation Systems | Bishop's Cleeve, Cheltenham

Systems Engineer

Developed test automation frameworks for 777X Remote Data Concentrator network protocols. Delivered a live dashboard for Boeing to track Problem Reports and Change Requests, enabling data-driven prioritisation of technical debt and resource allocation. Led the design and implementation of a MATLAB GUI application for real-time propeller control testing, streamlining the Verification Traceability Matrix activities.

○ 2016 - 2017

SES Astra | Betzdorf, Luxembourg

Subsystems Intern

Built a real-time telemetry correlation tool integrating satellite thermal models, EPC power data, and solar positioning, improving temperature monitoring accuracy for the O3b fleet. Delivered a verification tool for O3b and SP3 satellite visibility tracking, streamlining cross-system telemetry synchronisation.