

LUCA ALBERTO GIORGI

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Portfolio: <https://lucagiorgi.com> | GitHub: <https://github.com/lucaalberto-giorgi> | LinkedIn: [linkedin.com/in/luca-alberto-giorgi](https://www.linkedin.com/in/luca-alberto-giorgi)

PROFILE

Frontend-focused Software Engineer and First-Class Computer Science graduate from the University of East London. Experienced in building full-stack applications using React and FastAPI, with a focus on responsive UI, API integration, and clean, maintainable code. Actively seeking a frontend or full-stack junior role in London.

PROFESSIONAL EXPERIENCE

Software Development Intern | Affinity (Shipping) LLP, London | May 2026 – June 2026

- Built an AI editorial feature that turns research-report PDFs into multi-section web briefings, from back-office generation and editing to publishing and a public reader, with source-grounded output and prompt-injection hardening.
- Designed and shipped a hiring/applicant-tracking workflow: candidate detail pages with HR notes, AI CV-to-job scoring with guardrails, automated confirmation emails, and routing of website applications into a trackable pipeline.
- Replaced an off-site third-party form with a native customer-feedback feature (React + Supabase) integrated into a new back-office tab.
- Ran a codebase audit and security review on joining, documenting findings with reproduction steps, and authored engineering documentation plus a service-cost analysis.

Tech used: React, TypeScript, Next.js, FastAPI/Python, Supabase, Sanity, LLM integration, REST APIs.

PROJECT EXPERIENCE

AI-Powered CV Matching System | Full-Stack Project - London | 2026

- Built a full-stack CV/job-matching tool (React + Vite, FastAPI) that scores a candidate's CV against a job description in real time.
- Extracted CV text from uploaded PDFs and generated OpenAI embeddings to compute semantic + keyword match scores.
- Surfaced matched/missing skills and an AI-generated rationale alongside the overall score.

Forma | Full-Stack Web Application - London | 2026

- Built a personalised training and nutrition planner (Next.js, React, TypeScript, Tailwind CSS) that turns a short questionnaire into a complete weekly training plan.
- Wrote the nutrition engine from scratch (BMR, TDEE, goal-based calorie and macro targets) and generated meal suggestions with Claude models via OpenRouter, shipping the interface in four languages.

Receipt Flow | Full-Stack Web Application - London | 2026

- Built an AI-powered receipt-processing and expense-tracking app (React + Vite, FastAPI) with OpenAI-based structured data extraction from uploaded receipts.
- Implemented auto-categorisation, analytics, and CSV export across a shared expense workspace with real-time dashboard updates.
- Designed a ledger-inspired interface with numbered entries and review stamps, plus a one-click demo mode that loads sample data on first visit.

Personal Portfolio Website | Front-End Project - London | 2026

- Built and designed a personal portfolio (Next.js, TypeScript, Tailwind CSS, Motion) with a sticky split layout, animated intro, dark mode, and a live GitHub-activity graph.
- Focused on performance and accessibility, including optimised images, reduced-motion support, and keyboard-navigable markup.

EDUCATION

University of East London - BSc (Hons) Computer Science - First-Class Honours | Jan 2024 - Jun 2026

- Final-Year Project / Dissertation: 95/100.
- Relevant Modules: Software Development (98), Computer & Network Security (93), Data Structures & Algorithms (89), Web & Mobile Application Development (87), Database Systems (84), Advanced Topics in Computer Science (84), Artificial Intelligence (82).

SKILLS

- **Frontend:** JavaScript (ES6+), React, TypeScript, HTML, CSS, Tailwind CSS, Vite
- **Backend:** FastAPI (Python), REST APIs
- **Tools:** Git, GitHub, Supabase, Sanity, Next.js
- **AI:** LLM integration, OpenAI API, NLP fundamentals