



**Luke Liasi**  
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## About

I have over a decade of experience in software development, with strong skills in **JavaScript**, **TypeScript**, **React**, and **Node**.

My experience spans full-stack development, ensuring seamless integration between client-side and server-side components. This allows me to deliver complete, high-quality solutions that meet both technical and user needs.

Outside of work, I stay active with swimming, running, and skiing, and I enjoy gaming as a way to relax.

## Skills

### Languages, Libraries, Frameworks:

JavaScript, TypeScript, React, Node, Express, React Native, Python, PHP, HTML, CSS, TailwindCSS

### Testing:

Playwright, Vitest, Cypress, Selenium, Mocha, Chai

### DevOps, Databases & Tools:

Git, Docker, AWS, Linux, PostgreSQL, MySQL, MongoDB, Redis

### Design:

Figma, Adobe Photoshop

## Professional Experience - *References available on request*

### LondonLink - Senior Software Engineer [Remote]

May 2021 - Present (3y 7m)

- Developed and maintained frontend interfaces for the trading platform, including user onboarding and admin panels, used by thousands daily, with **React.js** and **TypeScript**.
- Integrated third-party SDKs and APIs for compliance, banking, and market data, enhancing platform functionality.
- Implemented **real-time WebSocket integrations** for responsive UI updates and improved interactivity.
- Automated reporting workflows with custom scripts, saving staff 5–10 hours weekly and enabling data-driven insights.
- Built bespoke compliance tools to streamline risk analysis, trading data management, and user oversight, earning board recognition.
- Established **end-to-end testing** workflows with **Selenium**, **Mocha**, and **Chai**, reducing deployment failures by 30% and improving CI/CD reliability.
- Developed scraping tools and bots for automated data collection, saving 15+ hours weekly and eliminating manual tasks.
- Created a design and component system, enabling the rapid development of consistent, reusable UI elements across the platform and significantly reducing time-to-market for new features.

### Dodec - Senior Software Engineer [Remote]

Oct 2017 - May 2021 (3y 7m)

- **Led the launch** of the Tefal UK e-commerce store, delivering the project on time and within budget, increasing online sales by 25% in the first three months.
- Developed an accessible frontend for a medical application with **React.js** and **Next.js**, tailored for older and disabled users, achieving **WCAG compliance** and improving navigation usability.
- Designed and developed a **scalable API** for GroupeSEB's Product Registration Portal with **Node.js**, supporting high traffic and enabling deployment across multiple brands with customisable interfaces.
- Developed gameplay features for a real-time football mobile app game using **React Native**, including implementing timers and a voting system.
- Mentored junior developers, improving team productivity through code reviews, consistent standards, and enhanced testing workflows.

### Dodec - Software Developer [Hybrid]

Sep 2014 - Oct 2017 (3y 1m)

- Developed mobile and **SEO-optimised landing pages** for brands like Tefal and Krups, increasing conversion rates and user engagement.
- Created custom **WordPress** themes and plugins with **PHP** and **JavaScript**, tailored to client needs.
- Built and coded **HTML/CSS email campaigns**, optimised for various email clients and successfully sent to hundreds of thousands of recipients.

- Assisted in designing and developing static websites using **HTML**, **CSS**, and **JavaScript**, focusing on responsive design principles.
- Implemented key features for a large-scale employment platform using Ruby on Rails, contributing to improved user engagement.
- Created comprehensive training materials to help non-technical staff effectively use the company's web-based software platform, enhancing overall productivity.

## Education

### Apprenticeship Programme

Web Development (JustIT 2 years)

### College Diploma

Triple Distinction Level 3 BTEC Extended Diploma focused in Interactive Media

### GCSEs (15 total)

A Grades: ICT, Design & Multimedia, Skills for Business, Religious Education

B Grades: 6 subjects incl. English & Maths

C Grades: 4 subjects

## Open Source

### Binance Trading Bot:

<https://github.com/lukeliasi/binance-dca-bot>

### Database Backup Script:

<https://github.com/lukeliasi/database-backups-s3>

### Developer Portfolio Template:

<https://github.com/lukeliasi/developer-portfolio>

## Projects

A selection of personal projects I've developed alongside my professional experience, including side projects, freelance work, and projects created for friends and family.

### Coinonomics Cryptocurrency Data Aggregator - <https://www.coinonomics.com>

Next.js, React, TypeScript, SanityCMS, Redis

A Next.js web application that delivers cryptocurrency pricing, market data, and news updates through an intuitive, server-rendered interface with caching and CMS integration for performance and usability.

- **Content Management:** Uses SanityCMS, a **headless CMS**, to handle news posts and content updates
- **Data Visualisation:** Implements charts, tables and indicators for market data display
- **Redis Caching:** Implements Redis to cache API responses, reducing third-party API calls and providing instant data access for users

### WillenHouse Student Housing - *Project no longer public*

JavaScript, TypeScript, React, Node, PostgreSQL, AWS

A full-stack application for managing student housing bookings, featuring a dynamic booking system, automated invoicing, and an admin panel, built with React.js, Node.js, and PostgreSQL, and hosted on AWS.

- **Dynamic UI/UX:** Implemented a time-limited room reservation system with real-time updates for a seamless booking experience.
- **Payments:** Designed and integrated instalment payments with PDF invoice generation to streamline payment processes.
- **Backend:** Built a REST API with Node.js and Express to manage reservations, payments, and user authentication using JWT, supporting an admin panel for handling bookings and system settings.

### Quince Players - <https://quinceplayers.com>

JavaScript, TypeScript, Node, Express, TailwindCSS, Directus CMS, PostgreSQL, Redis

A theatrical society website built with Node.js, Express, and Directus CMS, featuring server-side rendering, responsive design, and easy content management for shows, blog posts, and more.

- **Content Management:** Powered by Directus headless CMS to manage shows, blog posts, and static pages with API-driven content delivery.
- **Server-Side Rendering:** Utilises EJS to dynamically generate pages with real-time data from Directus.
- **Modern Frontend:** Styled with TailwindCSS for a responsive, lightweight, and clean user interface.