

# Luke Storry

## Lead Product Engineer

With a proven track-record of guiding cross-functional teams, successfully converting complex stakeholder requests into performant and maintainable systems.

I am now up for a new challenge; for a friendly and diverse team to work with; for an opportunity to use my varied skill-set to make a positive difference to the world.

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GitHub.com/**LukeStorry**

### Education

2014-2019

- > MEng Computer Science at the University of Bristol (2.1)
- > Focussed on User-centric Design, Product Development, and Machine Learning.
- > Published Dissertation on building & user-testing a mobile app for climbing training, using accelerometer and video data, awarded 'Best Software Project'.

### Climbing

- > I'm a fan of reaching new heights both at the desk and on the wall.
- > Regularly boulder at indoor walls, heading out to the mountains for longer lead-climbing trips.

### Lead Engineer

Faculty AI 2024-Present

Typescript React Python

Tailwind AI/ML Rust K8s

- > Lead a cross-functional squad building a Decision Intelligence Platform, owning architecture and technical strategy across unified interactive frontend, Agents framework, and DevX-focused packages.
- > Balance rapid prototyping and customer needs against longer-term technical roadmap and clean architecture through product and technical RFCs, unblocking multiple delivery teams.
- > Designed and implemented highly-configurable systems that have achieved 93% TypeScript code reuse across projects, reducing time-to-value from weeks to days and enabling data scientists to deploy production-ready applications with minimal frontend experience.
- > Scaled unified frontend from one customer to many, powering hundreds of impactful decisions across life sciences, healthcare, and Fortune 500 enterprises with consequences worth millions to billions.

### Senior Software Engineer

Let's Do This 2022-2024

Typescript Node.js GraphQL

React NextJS GRPC MongoDB AWS

- > High-velocity fullstack engineer at a leading sports-event discovery and management startup.
- > Specialised in building out the more complex features for extremely high-stakes, high-load (>100 bookings-per-second) and record-breaking (>600k entrants) events such as the London Marathon Ballot.
- > Designed and implemented industry-leading verifications and payments mechanisms by combining partner requests into clearly-written technical specs, then lead the team through precise cross-stack roadmaps, resulting in 5x efficiency and 20% revenue increases.
- > Influenced and spearheaded various initiatives to improve code quality, including design-systems and full typescript coverage.
- > Exhibited a proactive leadership style and calm positivity in high-pressure situations and live command-rooms.
- > Collaborated with design, product, and external stakeholders to build and iterate on complex series of A/B tests to optimise metrics.

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## Windsurfing

- > Love the thrill of both foiling and flat-water-blasting.
- > Have worked abroad as an instructor for multiple summer seasons, most recently managing a school in Vassiliki, Greece.
- > Volunteered for the SWA, a non-profit that promotes university windsurfing, in marketing and events-management.

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## Fun Facts

- > I live on a houseboat called Alice Rose.
- > I self-converted a campervan for weekend adventures.
- > I can ride a unicycle.

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## Lead Technical Consultant

DotNet Terraform Azure React

Ghyston 2021-2022

Vue Python AI/ML SQL D3.js

- > Planned, architected and costed large enterprise projects, culminating in multiple successful sales proposals.
- > Primary liaison between client and engineering team - established key user flows and helped deliver optimal solutions within budget.
- > Consulted with startups, advising on tech-stack, MVP, and product-market fit, with two successful solo-built MVPs.
- > Mentored team-mates via a mixture of workshops, paired-programming and in-depth code reviews.
- > Ensured communication between front and backend teams on a large forecasting simulation for a government department, projected to save the taxpayer over £200M.
- > Carried out deep refactorings, replacing core data-models with production-ready code, improving performance by two orders of magnitude.
- > Analysed the validity of various Deep Learning Optimisation techniques, successfully demonstrating to stakeholders the value of further investment.

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## Fullstack Developer

C# .NET ReactNative Typescript

Ghyston 2019-2020

SQL Java CSS GCP Azure

EFCore

- > Created interactive analytics dashboards to enable the digestion of millions of data-points.
- > Provided third-tier support for a range of bespoke business-critical software systems – client management, bug-fixes and feature development, often on legacy systems.

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## Research Developer

Python Embedded systems

Swanbarton 2018

- > Brought Python expertise to R&D wing of energy storage consultancy.
- > Strong focus on unit-testing whilst developing cutting-edge industrial solar-storage solutions and an energy-trading platform.