FRED SHEPHERD

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Hi there, I'm a Software Engineer based in London.

I have spent most of the last 10 years working in Full Stack and Frontend roles across a range of industries, from music tech to renewable energy. This year I have been working on the API Team at SpaceXAI.

SELECTED WORK EXPERIENCE

SpaceXAI March 2026 - October 2026
Member of Technical Staff *London*

- Worked on several high-traffic domains across grok.com & x.ai (10+ million DAU).
- Built an agentic tool to validate and fix issues with API documentation, resolving 100 issues in its first month.
- Led the re-implementation of several customer-facing pages on console.x.ai, focusing heavily on growth metrics, including the Imagine API Playground which saw a 30% increase in conversion.
- Built a TUI for streamlined local development work, quickly being adopted by most of the company.

WeTravel Jan 2025 - Feb 2026
Senior Frontend Developer *Amsterdam (Remote)*

- Led multiple initiatives relating to web security and performance, while working in a payments team responsible for processing over $1 billion per year. This included re-architecting the team-member permissions system to prevent client-side manipulation and addressing XSS vulnerabilities.
- Championed various tech improvements, while developing my soft skills around prioritisation and dealing with the dynamics of larger teams. The most impactful being an initiative on Typescript error checking and the related CI/CD processes, which led an almost total reduction of runtime errors reported by Sentry.

Bractlet / Backpack July 2020 - March 2024
Senior Software Engineer *Austin, TX (Remote)*

- Led the development of several complex product features such as a dynamic, interactive onboarding guide.
- Mentored and onboarded new team members as the team scaled significantly post-acquisition.

SIDE PROJECTS

Thirty Plants thirtyplants.app
Solo Developer -

- Cross-platform React Native app, initially built as a fun side project but which has grown to have 3000 MAU and a Play Store rating of **4.5** from 200+ reviews.

EDUCATION

MPhys - Physics & Astrophysics 2010 - 2014
2:1 *University of Manchester*

- Constructed simulations using C++ for two research projects: calculating optimal locations for Concentrating Solar Power plants using NASA data, based on weather conditions. And collaborating with the linguistics department to simulate language change in large populations.