

Daniel Bovey

Senior Full Stack Software Engineer at OakNorth Bank

Founder of Polycorp · seeking Staff Engineer positions

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Full-stack engineer with 10+ years shipping consumer and B2B products end to end - from React and React Native front ends to event-driven Python services. I joined OakNorth Business in its early stages and developed it through to launch and product-market fit. Currently working on OakNorth's personal savings vertical, where I'm leading a migration from native iOS/Android to React Native while retaining their 4.9-star rating across the app stores.

Alongside this I run Polycorp, an after-hours product studio making calm, high-craft software and hardware.

01 EXPERIENCE

The roles I seek out: high-ownership product engineering, alongside exceptional teams, building software that makes a real impact - at every stage, from a six-person startup, to a unicorn post-IPO, to a regulated bank.

Senior Full Stack Software Engineer · OakNorth Bank

02/2023 - Present

Built a business banking app for a UK bank from the ground up, overseeing its growth into a profitable product with scalable engineering practices - from 0 to 1,000 B2B customers and £100M+ in deposits. Subject-matter expert on React Native and Expo, leading the Frontend chapter. In the onboarding squad, responsible for customer experience and delivery to the App and Play stores. Working daily with event-driven payment and banking architecture in Python and SNS/SQS; helped procure and migrate to tools such as Iterable and Salesforce.

Founder · Polycorp Ltd

06/2023 - Present

An after-hours product studio turning ambitious side projects into real products - calm, useful, high-craft software and hardware for real life. Selected work below.

Senior Software Engineer · Trainline

03/2022 - 02/2023

Joined Trainline Partner Solutions, the B2B team, working with a global team to migrate the Trainline.com platform onto a new Trainline Business site for UK and EU customers. Responsible for the Trainline Business header and navigation system.

Senior Front End Web Engineer · Poq

06/2021 - 03/2022

Promoted to senior engineer. Migrated a collection of micro-frontend apps to TypeScript. Most impactful project: a JavaScript bridge for Apple Pay between e-commerce checkouts in a web view and native Apple Pay flows.

Front End Web Engineer · Poq

07/2018 - 06/2021

First web hire alongside a much larger team of iOS, Android and backend developers. Owned the "App Manager" - a group of React web apps letting clients self-service the style, contents and configuration of their native e-commerce app.

Front End Developer · ONLICAR

06/2017 - 07/2018

A role that grew from building React dashboards for vehicle tracking into managing the full software stack of a startup. Worked with AWS serverless technology and IoT OBD (on-board diagnostics) devices.

Web Developer · EU Automation

07/2015 - 08/2016

Developed European Automation's internal CRM system and built the rebranded company website from scratch in Laravel.

Web Developer · Self Employed

01/2011 - 08/2016

Web design and development freelancing across a range of clients and stacks.

02 POLYCORP · SELECTED WORK

Products designed and built end to end after hours - owning the full stack from hardware and infrastructure to interface.

Arq arq.house ↗

PRODUCT 01 · IN DEVELOPMENT

A home computer for the AI era - a single piece of hardware that replaces monthly subscriptions with a digital home that belongs to you. Your files, media, backups and intelligence live in the house, not the cloud.

Private home cloud · Local AI · Household media · Self-hosted apps

Basefund basefund.uk ↗

PRODUCT 02 · LIVE

A shared financial surface for the household - a clear, neutral view of income, bills and what's left, planned from one place and rolled forward month to month. Built to adjust, not judge: each month is a snapshot, and the plan moves when life changes.

Income, bills & what's left · Shared household view · Monthly snapshots

03 SKILLS

The tools I reach for most - though I care more about shipping the right thing than any particular stack.

CORE

TypeScript · React · React Native · Python · Node.js

STRENGTHS

AI-native engineering · Product management · Feature leadership · Cross-functional delivery · Mentoring & technical direction

FOCUS

Full-stack · Front-end · Mobile (React Native & Expo)

ELIGIBILITY

UK · English · Remote & hybrid

04 EDUCATION

Computer Science degree specialising in web development - modules in HTML, CSS, PHP and core software engineering principles.

Staffordshire University

2013 - 2017

BSc (Hons) Computer Science
