

I am a seasoned software engineer with over 10 years' experience delivering high-quality software across various industries. As well as specialising in front-end development for web and mobile, I have significant full-stack experience. I believe software engineering is as much a social discipline as a technical one, so I focus on fostering an environment where communication is easy, honest, and constant; I believe the best software is written under these conditions.

SKILLS

WEB

React as an SPA (Vite), or within Next.js/Remix
CSS (SCSS), with Tailwind/Emotion/Styled Components
TypeScript, or plain JavaScript
shadcn/ui, Style-Dictionary, Storybook, Zustand, Redux
tanstack/react-query, Axios incl. OAuth interceptors
Playwright, Cypress, vitest, Jest, react-testing-library

MOBILE

Native iOS development in Swift with SwiftUI, XCTest
Cross-platform development with React Native incl. Expo
Test build distribution, app review
submission/distribution, credential/key management in
App Store/Play Store

BACK-END

RESTful APIs with Node (Express)/Java Spring/Golang
Redis
MySQL/PostgreSQL
OpenAPI schema

TOOLING

Git
Jenkins, TeamCity, GitHub Actions, Gitlab CI
Docker
AWS (Lambda, API Gateway, CloudFormation)

EXPERIENCE

Senior Front-end Developer • Velo Payments

October 2021 – Present 📍 Remote

- Pioneered a streamlined design system for efficient UI development, effectively a pipeline from Figma to code.
- Crafted intricate payment platform UIs with shared design language across web and mobile utilising design system.
- Modernized application architecture by migrating assets away from outdated frameworks, streamlining development with modern frameworks like Next.js and Remix.

Senior Full-stack Developer • Cureoscity

May 2021 – September 2021 📍 Hybrid (Bristol)

- Built a premium property management platform for a prestigious portfolio of commercial spaces.
- Pioneered cloud-native architecture using Infrastructure as Code (CloudFormation) and serverless functions (Lambda) for on-demand features like visitor pass generation within the product portal (React).
- Designed secure RESTful APIs for managing visitors, deliveries, including recurring schedules for both.

Software Engineer • NatWest Banking Group

August 2017 – January 2021 📍 Hybrid (Bristol)

- Led the re-platforming of a legacy Java monolith (Bankline) into a modern React/Redux web app with supporting Java Spring microservices, while maintaining code standards and mentoring junior developers.
- Spearheaded efforts to upgrade Bankline's commercial banking platform (Payments, Statements, Account Servicing) to meet critical regulatory deadlines for PSD2 and Strong Customer Authentication.
- Championed continuous delivery for smooth releases, implementing feature flags and a robust CI pipeline with automated testing.
- Drove improvements in platform accessibility performance by utilizing audits to identify areas for improvement and co-founding a company-wide Accessibility Community of Practice to work towards WCAG AA compliance.

EXPERIENCE

Front-end Engineer • Fresh8 Gaming

January 2017 – August 2021 📍 Hybrid (Bristol)

- Developed high-performance, white-labelled ad-tech solutions that seamlessly integrated with the branding of industry leaders like SkyBet, BetVictor, and Coral, leveraging Vue.js.

Front-end Developer • Studio Six

May 2015 – December 2016 📍 Bristol

- Crafted a diverse range of web solutions (HTML emails/ads, Angular 1.x web apps) for clients across automotive, banking (incl. Lloyds Banking Group), and vehicle leasing (incl. Hitachi), showcasing their brands seamlessly.

Web Developer • Conscious Solutions

July 2014 – May 2015 📍 Bristol

- Developed and maintained CMS-driven websites for law firms, providing first-line support to resolve client inquiries and troubleshoot issues related to managing their website content.

EDUCATION

1st class BA (hons) French and Hispanic Studies

University of Liverpool • 2009 – 2013

PROJECTS

Vizme • Recent work

Rapidly built a cross-platform mobile money transfer app available on the App Store & Play Store using React Native.

- Implemented Auth0 for secure user authentication.
- Created animations and gestures aimed at providing a fun experience to users as they sent and requested payments with rich content, ultimately arranged in Instagram-like story views
- Seamlessly handed off to user's nominated banking app when making payments to complete an Open Banking payment consent process, deep linking back to Vizme to process tokens and finalise payment.
- Separately deployed a Next.js back-office web application to visualise system throughput and facilitate administrative tasks like disabling users.

Wheelie Bin Notification System • Personal

Developed a system to notify residents over SMS of upcoming bin collections in Somerset Waste Partnership's region.

- Extracted schedule data from the council's existing ASP.NET web application using a Go scraper (colly)
- Built a Node.js service to read and update resident subscriptions in a MongoDB database, and queue automated SMS alerts through Twilio.
- Packaged and deployed the system using Docker containers in Oracle cloud.