OLIVER SMITH
SENIOR SOFTWARE ENGINEER

➤ https://olliesmith.dev
🐙 electricdreammachine
Liverpool, UK

EXPERIENCE

Senior Front-end Developer
Velo Payments

October 2021 – Present   📍 Remote

Handling complex UI development across a mix of platforms, both legacy systems and greenfield projects, spearheading successful product launches and driving technical innovation.

• Delivered two Open Banking mobile apps, navigating the complexities of push notifications, deep-linking, and authentication in each within its stack:

  • HibanaPay (iOS) - a B2B payments app built in Swift/SwiiftUI, available on the App Store.

  • Vizme - Have fun getting paid (iOS/Android): a B2C payments social network built in React Native, available on App/Play Store.

• Orchestrated the migration of web applications from an outdated create-react-app/react-app-rewired setup to a more modern and maintainable solution in NextJS.

• Upgraded component library based on unmaintained dependencies to robust Material UI (MUI) or headless radix-ui counterparts, taking the opportunity to enhance them with theming driven by a fully tokenised design system.

Senior Front-end Developer
Cureoscity

May 2021 - September 2021   📍 Hybrid (Bristol)

Engineered an elite property management platform that caters to a premier collection of commercial properties.

• Pioneered cloud-native full-stack solutions using CloudFormation infrastructure-as-code alongside AWS's Serverless Application Model, harnessing tools such as Lambda, S3, and API Gateway.

• Engaged directly with end-user clients on-site to showcase new features, strategically evaluate priorities, and gather feedback in a hands-on setting.

Software Engineer
NatWest Banking Group

August 2017 - January 2021   📍 Hybrid (Bristol)

Led critical feature improvements for the Bankline commercial banking platform, including Payments, Statements, Account Servicing, and regulatory compliance such as PSD2 and Strong Customer Authentication.

• In a senior role, responsible for technical design, code standards, addressing technical debt, and supporting teams in React/Redux web apps and Java Spring micro-services.

• Designed and implemented features to be implemented throughout Java Spring micro-services estate, including a service to generate PDF statement documents at high volume.

• Became a founding member of the organisation-wide Community of Practice for Accessibility, offering insights from thorough audits and platform accessibility consultations, with a focus on achieving WCAG AA compliance.

OLIVER SMITH
SENIOR SOFTWARE ENGINEER

⌖ https://olliesmith.dev

⌨ electricdreammachine

Liverpool, UK

EARLY CAREER SUMMARY

Fresh8 Gaming (Jan 2017 -Aug 2017) - Engineered white-labelled sports-betting ad-tech products using Vue.

Studio Six (May 2015-Dec 2016) - Engineered a range of web solutions for a diverse portfolio of agency clients, spanning industries like automotive, banking, and FMCG.

Conscious Solutions (Jul 2014-May 2015) - Developed CMS-driven websites tailored for law firms.

SKILLS

Languages	**Currently using:** TypeScript · Swift **Previous experience:** Golang · Java · PHP
Frameworks	**Currently using:** React · React-Native (Expo) · SwiftUI · NextJS **Previous experience:** Vue · Express · Spring
Styling	**Currently using:** Tailwind · Emotion **Previous experience:** CSS Modules · Linaria
Tooling	**Currently using:** Git · CI (Jenkins/GitHub Actions) · Expo EAS **Previous experience:** Webpack · AWS/CloudFormation CLI · Docker
Testing	**Currently using:** vitest · Jest · Cypress **Previous experience:** React Testing Library · XCTest

EDUCATION

1st class BA (hons) French and Hispanic Studies
University of Liverpool

2009 – 2013

PERSONAL PROJECT

Wheelie Bin Notification System

Designed and implemented a full-stack solution to notify residents of upcoming wheelie bin collections within the region covered by Somerset Waste Partnership.

• Reverse-engineered the council's ASP.NET web application, such that the various forms and cookies required to step through their user flows could be handled by a Go-based (colly) web scraper for extracting bin collection calendar data, which was then exposed via REST endpoints.

• A separate Node.js service managed subscriptions for updates on any impending collections, and dispatched SMS notifications via Twilio the evening before they were due.

• Deployed into Oracle cloud as docker images.