Angus Blomley
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Front-End Developer specialising in React, Next.js, React Native, and modern web technologies. Experienced in building and deploying user-focused web and mobile applications, Chrome extensions, and full-stack solutions with secure backend integration.

Professional Experience

Full Stack Developer
Vocabo Language Learning Platform | May 2024 – Present (1 Year)

- Developed and deployed a Chrome extension using React, TypeScript, and Vite for real-time webpage translations, now live on Chrome Web Store (26+ daily users).

- Managed monorepo architecture using pnpm Workspaces and Turborepo for optimal build performance.

- Implemented DOM mutation observation, adaptive debouncing, and efficient text processing for dynamic web content.

- Built UI components using Tailwind CSS, DaisyUI, and React Transition Group animations.

- Developed a secure backend on Google App Engine (Express.js) for API integrations: Google Translate, Text-to-Speech, Japanese text tokenization (kuromoji), and PostHog analytics.

- Deployed Next.js website (i18n, Framer Motion, Chart.js) for interactive language learning.

- Utilised React Storybook for UI component development and documentation.

React / React Native Developer
Compute and Cultivate Ltd (PWG Windows & Doors), Contract | Jan 2022 – Jun 2023 (1.5 Years)

- Built a React Native app improving engineer site-visit efficiency.

- Integrated real-time calendar and advanced forms using RESTful APIs.

- Established streamlined CI/CD pipelines for deployment and testing.

- Agile collaboration with cross-functional teams.

Web Developer
Open Fern Studio, Contract | Feb 2023 – Apr 2023 (2 Months)

- Created responsive business websites using modern UI practices, animations, and form/email integrations.

- Optimised website performance, SEO, and user experience.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3
Frameworks/Libraries: React, Next.js, React Native, Tailwind CSS, DaisyUI, Framer Motion, React Transition Group, Chart.js, React Storybook
Backend & APIs: Node.js, Express.js, RESTful APIs, Google Translate API, Google Text-to-Speech, PostHog Analytics
Tools & Platforms: Git, Vercel, Expo Go, Chrome Extensions, Vite, Turborepo, pnpm Workspaces, Google App Engine
Concepts: Responsive Design, Performance Optimisation, DOM Manipulation, CI/CD, Monorepo Management, Internationalisation (i18n), Secure API Integration, Mutation Observers, Debouncing, Secure API Key Management, Rate Limiting, CORS

Education

BSc (Hons) Broadcast Engineering
Ravensbourne University London | Sep 2021 – Apr 2024 (Expected: 2:1)

Extended Diploma, IT Level 3
Sep 2015 – Jun 2018

Certifications

- Codecademy Front-End Development (Completed May 2024)

Languages

- English (Fluent), Japanese (Intermediate)