

I'm Andy Hook, a Software Engineer based in the UK

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Profile Front-end focused software engineer with more than 15 years of experience building high-quality digital products across AI, developer tooling, SaaS, and collaborative web applications. My background spans product architecture, design engineering, accessibility, performance, and developer experience, with work ranging from AI-powered editing environments and authentication platforms to widely adopted component systems used by millions of developers.

Skills

High Performance

React expert with experience across frameworks. Specialist in modular design systems, composable component development and browser performance.

- React, Vue, Angular, Next.js, Tanstack, Webpack, Vite
- TypeScript, JavaScript, ProseMirror, Y.js, SSG, SSR, CSR
- Tailwind, Styled Components, Sass/SCSS, Motion, Spring, HTML, SVG, CSS
- Node.js, PostgreSQL, Drizzle, GraphQL, tRPC, Zero Sync, Temporal

Maintainable Code

Elegant code solutions with a focus on scalable, composable architecture and confident, resilient testing.

- Unit, Integration and E2E testing
- Jest, Testing Library, Cypress, Playwright

UX and Accessibility

Acting as a close design partner within product teams, I advise on the feasibility of UX solutions. Extensive experience building to WCAG and WAI-ARIA spec, deep knowledge of screen reader interpretation, accessible contrast and keyboard focus handling.

Experience

Senior Software Engineer

Scroll AI

September 2024 - June 2026

Worked across nearly every user surface of the product, including rich-text editing, CRDT-based collaboration, chat rendering, sharing and permissions, authentication and entitlements, browser extensions, spreadsheet autofill interfaces, billing, and more.

Software Engineer

WorkOS

March 2022 - May 2024

Acquired Modulz in March 2022. Maintained Radix UI, shipping the stable v1 release which grew to ecosystem dominance (130m monthly). I later joined a horizontal product team, leading the dashboard re-architecture and supporting the rollout of User Management.

Senior Product Engineer

Modulz

April 2021 - March 2022

Built Radix UI, a popular headless UI library used by millions of developers.

Senior UI Engineer

Aragon One

May 2020 - January 2021

UX Engineer

Bright Interactive

September 2018 - May 2020

Senior Front-End Developer

Brandwatch

April 2016 - May 2018

Front-End Developer

The Jamieson Consultancy

January 2012 - January 2016

Digital Designer

Freelance

July 2009 - January 2012

Education

BSc Honours Degree, Game Technology

The University of Portsmouth

September 2006 - July 2009

Foundation Diploma, Art and Design

Hastings College of Art and Technology

July 2005 - January 2006

BTEC National Diploma, Multimedia

Hastings College of Art and Technology

July 2003 - January 2005