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

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Profile

Front-end focused software engineer with more than a decade of experience designing and building web applications. Formally educated in visual design principles, digital graphics and GUI. Strong UX fundamentals and a history of collaborating closely with design teams allows me to deliver exceptional user experiences.

Skills

High Performance UI

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

- React, RSC, Vue, Angular, Next, SSG, SSR
- TypeScript, JavaScript, CSS, HTML, SVG, ES6, Node, GraphQL
- Tailwind, Styled Components, Emotion, SCSS, LESS
- Motion, Spring, GSAP, Storybook, Playground
- ProseMirror, TipTap

Maintainable Code

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

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

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   Present

Building a delightful text editing experience with AI intelligence, transcription, translation and source archiving.

Software Engineer
WorkOS   March 2022 - May 2024

Shipped and maintained Radix 1.0, it later grew to ecosystem dominance (130M monthly installs). Transitioned to a horizontal front-end team leading projects to re-architect the WorkOS dashboard and support the release of User Management.

Senior Product Engineer
Modulz   April 2021 - March 2022

Worked on Radix Primitives, a production ready, accessibility focused headless UI library. Acquired by WorkOS in March 2022.

Senior UI Engineer
Aragon One   May 2020 - January 2021

UI 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