I'm **Andy Hook**, a Senior UI Engineer based in Brighton, UK

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Profile

Web professional with more than 10 years of experience designing and building for the web. Formally educated in visual design, digital graphics and GUI. Strong design foundations and a history of collaborating closely with design teams enables me to design and build exceptional front-ends that exceed the ever increasing expectation of modern users.

Skills

High Performance UI

Specialist in modular design systems and component libraries for supporting fast, iterative processes within agile product teams.

- JavaScript, TypeScript, ES6, Node, GraphQL, CSS3, HTML5, SVG
- React, Vue, Angular, Redux, Vuex, Nuxt, Next, RxJS, Gatsby, SSG, SSR
- Styled Components, Emotion, SCSS, LESS, Atomic, Tailwind
- Storybook, Playground, React Spring, Framer Motion, GSAP
- Babel, Rollup, Parcel, Webpack, Snowpack, Gulp

Testable, Maintainable Code

Confident code coverage enables teams to ship features faster, consistently and at a predictable cadence.

- Static type analysis, Unit, Integration and E2E testing
- Jest, Testing Library, Enzyme, Jasmine, Karma

Agile Development, UX and Accessibility

Sitting at the intersection between engineering and design allows me to act as a conduit between disciplines and speak to technical, design and product constraints during scoping and implementation.

Experience

Senior Product Engineer

Modulz   April 2021 - Present

Working on Radix Primitives, an accessibility focused toolkit of low level headless UI components. I collaborate closely with the team to scope, shape, research and implement WAI-ARIA compliant accessibility patterns and DX centric APIs.

Senior UI Engineer

Aragon One   May 2020 - January 2021

Using Ethereum blockchain technology to build censorship resistant tools for collaboration and organisation without borders. Developing, shipping and maintaining quality React interfaces for the client, upgrade and conversion tools as well as a rewards program for incentivising staking in automated liquidity pools.

UI Engineer

Bright Interactive   September 2018 - May 2020

Designing and building the user interface for a next-generation digital asset management product using Angular, TypeScript, RxJS, Jasmine and Karma. Supported by a backend micro-service architecture and AWS.

Senior Front-End Developer

Brandwatch   April 2016 - May 2018

Front-End Developer

The Jamieson Consultancy   January 2012 - January 2016

Digital Designer

Freelance – andyhook.dev   July 2009 - January 2012

Education

Bsc Honours Degree, Games Technology

The University of Portsmouth   September 2006 - July 2009

Foundation Diploma, Art and Design

Hastings College of Art and Technology   July 2005 - January 2006

National Diploma, Multimedia

Hastings College of Art and Technology   July 2003 - January 2005