Hayden Barnett

Frontend Engineer

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About

Senior frontend engineer focused on high quality UI/UX with over 10 years of experience building accessible and performant interfaces and design systems in various industries.

Living in Sydney, Australia.

Skills

HTML
CSS
SCSS
Tailwind
JavaScript
TypeScript
React
Next
Vue
Nuxt

Figma
Adobe Photoshop
Adobe Illustrator
Adobe After Effects

Education

Bachelor of Information Technology
2009 - 2011

Charles Sturt University

Major
Software Design & Development

Minor
Animation & Visual Effects

Graduated with Distinction

Experience

Senior Frontend Engineer • Corellium
2021 – Present (1 year)

Worked with the newly formed frontend team on a range of new projects while also evolving and maintaining the existing core app.

- New design system, onboarding flow app, marketing website & cloud administration platform. All built on React, Next.js, TypeScript.
- Maintaining the existing Corellium app working with product, middleware and device modelling teams.
  - Implemented device interaction features, administration features, enterprise whitelabelling and more, with a lot of bug fixing.
  - Supported launch of multiple Android, iPhone, IoT devices.
  - Implemented design token system, improved accessibility, evolved UI design.
  - Conversion to functional components, TypeScript, SCSS modules.
- Planned & implemented GA, GTM, Segment across all external user facing apps.

Senior UX Engineer • Koala
2020 – 2021 (1 year)

Joined at an exciting time right before the company underwent a rebrand, a launch into a new market and a complete digital transformation.

- Maintained the legacy eCommerce websites (Vue, Nuxt, Shopify)
- Built the new design system following the rebrand.
- Helped rebuild the eCommerce platform on new tech stack (Nx, React, TypeScript, Commerce Tools, Contentful)
- Relaunched the rebranded Koala platform in Australia, Japan & Korea simultaneously.

Frontend Developer • Tyro Payments
2016 – 2020 (4.5 years)

Tyro is an ASX listed company providing business focused payment, banking and lending products. I was the owner of the tyro.com website and responsible for frontend development, design & content including the launch of all digital, brand and customer marketing campaigns, projects, partnerships and initiatives.

- Everyday improvements to the function, form & design of tyro.com, while optimising for performance, conversion, accessibility, usability and security.
- Supported the Tyro rebrand with the new website launch.
- Supported work leading up to ASX listing.
- Design, build & iterations of the digital application solution supporting all lead generation and the self-serve application process for new customers.

- Maintained analytics integration across multiple changing platforms such as GA, VWO, Mixpanel, Flashtalking, Adroll, Quantcast, Taboola, Ruler, Pardot, Salesforce.
- The primary contributor in CRO efforts supporting the ideation and execution of all growth related experiments. Also building a suite of functional web tools for SMEs such as a fee analyser, loan calculator and POS recommendation tool.
- Managed 2 creative agencies to deliver increased work output.
- Kicked-off the frontend work of the Tyro Merchant Portal, a web app for customers to manage user access, real-time payment reporting, reconciliation and accessory ordering.

Creative Director • Surge
2018 – 2021 – Part Time (3 years)

Co-founded growth marketing agency. Managing creative output - development, design & copywriting and video production. Clients include CSIRO/Data61, Waddle, TutorTime, Dysrupt Labs, Jellypepper.

Frontend Developer • Redpin Design
2014 – 2016 (2 years)

Worked on a range of projects involving web development, design, branding, edm campaigns & competitions. Clients include CASF, Sekisui, Tismor, CRC, OCP, Snack Brands, Green's, Auspath & Pacefarm.

Co-Founder • Gunmetal Studio
2013 – 2014 (1.5 years)

Co-founded Gunmetal - a web design and development studio. During this time, I worked with a range of clients from startups to clothing brands and even big corporate and entertainment companies. Clients included National Geographic Channel, FX, Vimbra, Trekalo, Ryzer, Wild Animal Encounters.

Frontend Developer & Designer • Nexba Beverages
2013 (2 months)

Design and web development internship working on the Nexba eCommerce website.

Motion Designer • BSA Limited
2012 (2 months)

Contract work on a variety of projects involving motion graphics, visual effects, graphic design and web development.

Freelance
2008 – Present – Part Time (over 10 years)

Since the beginning of my career I have completed freelance work building websites and branding companies & startups. More recently the majority of this work shifted into my agency Surge. Some of my clients include Clipchamp, Tank Stream Ventures, Flaunter, Flirtey, Zibbet.