

# Harry Ronchetti • Senior Product Engineer

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## Summary

A determined and enthusiastic software engineer specialising in React-based technologies, data visualisation, and developer experience. Has managed engineering projects across various industries. Passionate about design and user experience. Strong interpersonal skills and a history of consistently improving KPIs.

## Experience

### Head of Product & Technology • PolyBox

Nov 2024 - Present

Tech: Next.js, TypeScript, Tailwind CSS, eCharts, Cube.js, Fivetran, Supabase, BigQuery

- Designed and built a React-based dashboard builder for aggregating and blending data from 30+ marketing platforms, featuring custom visualisation components including pivot tables and multiple chart types
- Managed an ETL service project that reduced data load time from 5 - 10 mins to 0.5 - 3 secs
- Implemented an ETL service update that reduced monthly data processing costs by over 400%

### Founder (Passion Project) • WilderTrips

May 2022 - Present

Tech: Next.js, TypeScript, Tailwind CSS, Mapbox GL, Google Cloud Platform, Firebase

- Independently designed and built a road trip planning product that scaled to over 11000 free users and 950 paying customers
- Selected from over 400 applicants to receive £10k grant funding
- Achieved an average rating of 4.9/5 on Google from 57 reviews

### Founding Engineer • Vizzly (Acquired)

Jun 2024 - Nov 2024 • 6 months

Tech: React.js, TypeScript, Emotion.js, Visx, D3.js, Cypress, Chromatic, Jest

- Built over 15 features and enhancements for exporting data, trend forecasting, conditional formatting, aggregating data, and interactive chart-building
- Managed QA and developer relations during a period of exponential growth
- Optimised chart build and render performance by 40% through memoisation
- Conducted 10 NPM package releases across 3 repos
- Created 2 new chart types for improved data visualisation

### Freelance Product Designer & Software Engineer • Harry Ronchetti

Jun 2020 - Jun 2024 • 4 years

Tech: Next.js, TypeScript, Tailwind CSS, Mapbox GL, Google Cloud Platform, Firebase

- Led engineering and managed subcontractors for 8 projects
- Designed and built a renewable energy product that facilitated investment for 158 construction projects, totalling \$7.16bn in combined valuation
- Redesigned and built an independent local business marketplace that increased MRR by 72.6% within 6 months
- Redesigned and built a boiler installation product that led to 156% revenue growth within 6 months
- Reduced automation costs by 94% for a student tenancy lead generation product
- Improved onboarding completion by 68% for an OKR management product
- Designed and built an online healthcare training platform that generated £1.69m in sales over 18 months

## **Head of UX • NE6**

Jun 2019 - Jun 2020 • 1 year

Tech: React.js, Gatsby.js, SCSS, Netlify, React PDF, React Table, React Beautiful DnD

- Led design and engineering for 7 software projects across 6 different industries, including insurance, recruitment, energy, and healthcare
- Directed solution architecture and project scoping for over 15 software projects
- Facilitated the company's transition from WordPress websites to software projects

## **Product Designer & Software Engineer • hedgehog lab**

Feb 2018 - Jun 2019 • 1 year, 4 months

Tech: React.js, SCSS, GitLab, Netlify, React Calendar

- Designed a cosmetic surgery management product that modernised consultations through digital avatar drawing, resulting in 50% shorter appointments
- Led design on the agency's largest project to date, with a total contract value of £1m
- Supported UI development for 6 months to speed up project delivery

## **Software Designer • IBM**

Jul 2016 - Jul 2017 • 1 year

- Designed an internal CMS for ibm.com that saved IBM £2m per year

## **Education**

### **Web Design & Development (BSc) • Northumbria University**

Sep 2014 - May 2018

- Grade: 1st (82%)
- Received the Employability Skills Award for Placement Students

## **Skills**

React.js, Next.js, TypeScript, Tailwind CSS, Emotion.js, Mapbox GL, Visx, eCharts, D3.js, SQL, Cube.js, Algolia, Airbyte, Fivetran, Cypress, Jest, Chromatic, SDKs, Google Cloud Platform, Firebase, Supabase, BigQuery, Agile, Scrum, Usability Testing, Design Workshops, Design Prototyping, Product Design, and Quality Assurance.