

Ryan Trainor | Full Stack Typescript Software Engineer

8+ years of designing and building full stack web and native iOS and Android applications

Technologies

- *Frontend:* TypeScript, JavaScript, React, React Native, Vue, Solid, Nuxt, Astro, Next, Remix, Tailwind, HTML, CSS
- *Backend:* TypeScript, JavaScript, Node, Python, Rails/Ruby on Rails, PHP/Laravel, Solana, Ethereum, Solidity, Express, RESTful APIs, Cloudflare Workers, Firebase, MongoDB, MySQL, PostgreSQL, SQLite
- *Cloud Platforms:* AWS, Azure, GCP, Cloudflare, Vercel, Heroku, DigitalOcean
- *Tools:* XCode, Expo, Docker, Jest, React Query, XState, Playwright, Git, Figma, Logging and Telemetry, CI/CD, Datadog, Sentry, PostHog
- *Other:* Functional Programming, Automated Testing, RDBMS and Non-Relational Data Modeling, Machine Learning, NLP, LLM, Computer Vision, Project Management, Progress Tracking

Key Skills and Responsibilities

- *Leadership:* As the first non-founder employee at Confidence, I built an engineering team from myself to 8 staff while managing the hiring process and mentoring juniors
- *Full-Stack Engineering:* I have designed and built SQL & NoSQL database schemas, APIs, cache layers, as well as web and native clients for early-stage startups
- *Startup Veteran:* I have spent my entire career working with startups, from ideation to product-market fit, first customers, and successful fundraising
- *Native App Development:* I proposed, designed, and built OfColor's first native iOS and Android app
- *Web App Development:* I worked closely with the CEO of Confidence to plan, build, and ship, new features for Confidence's web app
- *User Interviews:* I conducted user interviews for Confidence's web app, and helped the team refine product roadmaps
- *Blockchain:* I designed and build a Solana wallet, to read balances, send transactions, and interact with smart contracts
- *Data integrity / Data Modelling:* I have helped various startups understand when and how to use SQL and NoSQL data access patterns and modelling techniques
- *Design and Product Management:* I have been a contributing member of the Design, Product, and Engineering teams of every startup that I have worked with, and have helped them build and grow their product roadmaps

Principal Software Engineer - OfColor | 10/2022 - present | <https://ofcolor.com>

- Planned and shipped the first React Native iOS and Android apps
- Manage migrations from Styled Components to TailwindCSS and client-side rendering to Remix server-side rendering
- Proposed, planned, and implemented OfColors first user interview process

Head of Frontend Engineering - Confidence | 08/2020 - 10/2022 | <https://confidence.com>

- First employee at Confidence, hired initially as a contractor to build the MVP for founders and was first W2 employee at Confidence
- Led an engineering team that I grew from scratch, which included interviewing, managing, and mentoring the team
- Brought the app from 0 to 1: from initial idea to product-market fit, first customers, and successful fundraising

Contract Software Engineer | 08/2016 - 08/2020

- Shipped iOS and Android apps in the Apple App and Google Play stores
- Built web3 / decentralized apps with the Ethereum blockchain
- Expert in buiding apps web apps that are designed to be iterated on in a tight user / builder feedback loop

University of California, Berkeley - B.A. | 09/2009 - 06/2012

sms & whatsapp	email	github
+1.612.747.5815	ryan@rptrainor.com	https://github.com/rptrainor