

Michael Bryce

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Work Experience

SteppingBlocks, Lead Engineer

April 2025-Present

- Led a full rebuild of the core product to use a Go microservice architecture with a **Next.js**, **TypeScript**, and **GraphQL**, frontend, modernizing the design and platform architecture.
- Spearheaded development of a new **embeddable client application** enabling partners to showcase live data on their own websites
- Managed a team of **5 engineers**, optimizing sprint planning, technical direction, and application architecture

TIFIN AMP, Lead Frontend Engineer

Jan. 2022-April 2025

- Owned all frontend development, collaborating directly with clients, product stakeholders, and designers to plan, implement, and deploy new features
- Designed and deployed a **Salesforce managed package** using **Apex** and **React**, delivering a custom in-CRM experience for enterprise clients.
- Built and launched the **product MVP**, a web platform leveraging AI to analyze engagement data and optimize client sales and marketing efforts.

PatchRx, Director of Engineering

Aug. 2021-Jan 2022

- Architected and implemented a **backend infrastructure redesign** integrating **Postgres** and **GraphQL**, cutting query times by 30% and reducing cloud costs by 20%.
- Scaled and led a cross-functional team of **8 engineers**, introducing agile development with biweekly sprints across web and mobile products.

PatchRx, Project Manager & Software Architect

Aug. 2019-Aug.2021

- Led development of the **PatchRx Web MVP** using **React** and **Next.js**, achieving a successful pilot rollout to three pharmacy partners.
- Improved **CI/CD pipelines** using **Fastlane**, **Cypress**, and **Detox** to automate mobile deployments and end-to-end testing.
- Developed the consumer-facing **mobile app** using **React Native**, implementing BLE communication and custom notifications for Android and iOS.

Projects

Bitsplorer, Blockchain data visualizer

Nov. 2025

- Built an interactive blockchain explorer visualizing live transaction data with real-time animations.

Robertbryce.com, Client website

July. 2025

- Designed and developed a new website for author and public speaker Robert Bryce using **Payload CMS**, **Next.js**, and **Postgres**.

wmby.me, Personal website

May. 2025

- Built a new personal site in **Next.js** and **TypeScript** with a custom **Notion-based CMS integration**.

Pixel Fortune, Fortune Telling Game

Oct. 2024

- Created a text-based fortune-telling game using **React**, **Typescript**, **tRPC**, and **Next.js**, deployed on **Vercel**

Education

Trinity University, San Antonio, Texas

Aug. 2014-May 2019

- B. S. in Engineering Science with a minor in Mathematics

Skills

Languages:

- TypeScript, JavaScript, Go, Python, Swift, and Scala, APEX

Frameworks & Tools:

- AWS, DynamoDB, Lambda, React, React Native, Next.js, Serverless, Fastlane, Jest, Cypress, GraphQL, Redux, Redux-Saga, PostgreSQL, Kubernetes, Node, Figma, Vite, Storybook,