# Michael Bryce

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## Experience

**TIFIN AMP** / Lead Frontend Engineer — *Feb 2023-Present*

- Designed and implemented a new component library using Storybook and Figma, standardizing product UI and improving code reuse across the AMP ecosystem
- Orchestrated development cycles for a team of eight engineers, optimizing productivity and consistently meeting project deadlines, resulting in 23% faster time-to-market
- Deployed a new managed package in Salesforce using APEX and React to deliver a custom AMP experience within client CRMs, increasing user engagement by over 400%

**TIFIN** / Senior Frontend Engineer — *Jan 2022-Feb 2023*

- Led frontend development of a new web application which empowered clients to orchestrate custom marketing campaigns and optimize their sales pipelines using AI, culminating in product launch to over ten clients
- Integrated automated end-to-end Cypress tests into application deployment pipeline, achieved over 80% test coverage and reduce critical production bugs by 68%
- Improved developer tooling by migrating codebase to Typescript, autogenerating GraphQL types, and utilizing Tailwind CSS to speed up development time by 30% while improving code quality and reducing type-related bugs

**PatchRx** / Senior Full Stack Engineer & Product Manager — *June 2020-Jan 2022*

- Spearheaded the development of PatchRx Web application MVP using React and Next.js, resulting in a successful pilot launch to three pharmacies
- Scaled development team capacity by 100% through strategic hiring and onboarding of 4 new engineers and interns, conducting over 16 technical interviews
- Architected and implemented backend infrastructure redesign, integrating PostgreSQL and GraphQL, which reduced query response time by 30% and decreased cloud administration costs by 20%

**PatchRx** / Full Stack Engineer — *May 2019-June 2020*

- Engineered consumer-facing mobile app with features such as BLE communication and custom push notifications using React Native and deployed MVP to both Android and iOS app stores for pilot launch of the app to over 100 users
- Designed and deployed high-performance RESTful API Backend using AWS serverless technologies (Lambda, API Gateway, DynamoDB)

## Projects

**Pixel Fortune** / Personal website

Designed and created text based fortune telling web app from scratch using React, Next.js, Cloudflare & Fleek

**WMBryce.dev** / Personal website

Designed and built site from scratch using React, Next.js, Cloudflare & Fleek

**Ethereum Validator** / Blockchain Validating Server

Setup an Ubuntu server to validate the ethereum 2.0 blockchain

## Education

**Trinity University** / B.S. Engineering Science
*Aug. 2014-May 2019, San Antonio, TX*

Earned a Bachelor of Science in Engineering with a minor in Mathematics

## Skills

Languages: **Javascript, Python, Swift, Scala**

Tools/Frameworks: **React, React Native, Next.js, Serverless, Cypress, Figma, Storybook, AWS**