Ian Wallis McEachern

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IWM

Exposé	Full-stack web & native app development and general programming. Practical hardware-thumb, electric wizard, and slackmoji aficionado. Cheerful and hardworking, excellent interpersonal and communication skills, including formal presentations.
Education	**University of California, Santa Cruz** — Santa Cruz, Ca — 2006-2011 **B.S.:** Computer Engineering – Networks **Minor:** Astrophysics

Experience

Staff Software Engineer — Tatari — San Francisco, Ca — 2024-Present

- Implementing new features for business critical functionality **(React, TypeScript, Apollo, Jest, PlayWright)**
- Updating dependencies and architecture for both security and developer experience.
- Leading inter-team efforts towards best practices for deploying and maintaining web applications **(CI/CD, Docker, AWS)**

Lead Web Tech Engineer — Global Worldwide — Remote — 2022-2024

- Led architecture and maintenance of the public webstore, blog, and internal tools for a MMORPG mobile strategy game. **(React, TypeScript, Remix, Koa, MySQL, gRPC, Jest, TestCafe)**
- Synthesized interdisciplinary requirements to upgrade core workflows for store offers
- Optimized microservice CI/CD architecture for efficiency and reliability **(Github Actions, Docker, AWS)**

Software Engineer — Indigov — Remote — 2020-2022

- Managed and led the team architecting, developing, and deploying websites, native apps, and design system for members of Congress, House Committees, and State Legislatures **(React, Next.js, graphQL, Wordpress, Strapi, Storybook)**
- Developed, maintained, and expanded custom Zendesk applications supporting elected representatives' communications **(React, Redux, Next.js, TypeScript)**
- Refactored and architected disparate applications into a single stack for developer experience and deployment optimization

Front End Engineer — PolySign — Oakland, Ca — 2019-2020

- Developed front end ecosystem for institutional cryptocurrency custody solution **(React, React-Native, Redux, Apollo, Jest, TestCafe, TypeScript)**
- Drove adoption of graphQL for microservice dataflow and significantly expanded core end to end tests

Consultant — Self Employed — Remote — 2016-2019

- Developed full stack web and native applications specializing in real-time data flow **(Node.js, Meteor.js, React, React-Native, graphQL, Docker, BLE, git)**

Co-Founder — Pickle Tech — Oakland, Ca — 2014-2016

- Invented crowdsourcing timelapses (pickles) via transparent overlay and geofencing
- Sole developer and designer of geopickle.com and iOS/Android native apps **(Meteor.js, MongoDB, Cordova, Blaze, APIs)**