

Ian Wallis McEachern

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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

Bachelor of Science: Computer Engineering – Networks **Minor:** Astrophysics

Experience

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, 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 disparate applications into a single stack for developer UX 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 via transparent overlay and geofencing
- Sole developer and designer of geopickle.com and iOS/Android native apps **(Meteor.js, MongoDB, Cordova, Blaze, APIs)**

JavaScript Developer

Terra Eclipse

Santa Cruz, Ca — 2013

- Responsible for architecture, development, and prototyping of next generation tools and integrating outside services with those tools **(Node.js, Backbone.js, real-time APIs)**

Co-Founder

Tndrbox

Oakland, Ca — 2011-2013

- Sole developer and co-designer of geolocated digital events board, partnering with local businesses and community groups to display real time offerings **(AWS, LAMP, APIs)**