

Ian Wallis McEachern

Email: contact@ianmceachern.com



Exposé

Full-stack web/native app development and general programming. Practical hardware, electric wizard, and slackmoji afficianado. Cheerful and hardworking, excellent interpersonal and communication skills, including formal presentations.

Education

University of California, Santa Cruz

Santa Cruz, Ca — 2006-2011

BS: Computer Engineering (Networks) **Minor:** Astrophysics

Experience

Lead Web Tech Engineer

Global Worldwide

Remote — 2022-Present

- Responsible for the internal tooling allowing access to the internals of an MMORPG mobile game. Refactoring and maintaining current functionality for extendability, testability, and RBAC (**React, Koa, Redux, Remix, Typescript**)

Software Engineer

Indigov

Remote — 2020-2022

- Managed the team developing and deploying modern websites, native apps, and design systems for members of Congress, House Committees, and State Legislatures (**React, Capacitor, Next.js, GraphQL, Wordpress, MySQL Strapi, Storybook**)
- Developed, maintained, and expanded numerous custom Zendesk applications supporting elected representatives' communications (**React, Redux, Next.js, TypeScript**)
- Designed and implemented robust architecture for core features

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 dataflow from microservices
- 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

- Generalized crowdsourcing timelapses via transparent overlay
- Sole developer and designer of geopickle.com and iOS/Android 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**)