

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

BS: Computer Engineering – Networks **Minor:** Astrophysics

Experience

Lead Web Tech Engineer

Global Worldwide

Remote — 2022-Present

- Rebuilding and creating new full-stack tools for a mobile MMORPG game. (**React, Koa, Redux, Remix, Typescript, MySQL**)
- Refactoring and maintaining current functionality for developer experience, code extensibility & testability, and RBAC

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 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 generalizing crowdsourced timelapses via transparent overlay
- 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**)