

# David Linke

## Full Stack Software Engineer

Software engineer with a background in electrical engineering and product management. Always curious, I take a detail-oriented, thoughtful, and collaborative approach to solve problems and build polished, innovative products.

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## SKILLS

- Full Stack Applications Development
- React / React Native
- Node.js
- JavaScript
- Python
- Ruby on Rails
- SQL / NoSQL
- HTML / CSS / SCSS
- GraphQL
- Git
- UX Design
- Agile & Waterfall SDLC's
- Client & Vendor Relationships
- Working With International Teams
- Leading Cross Functional Teams

## EXPERIENCE

10/2019 - NOW

### Software Engineer, Reef Buddy

- Developing React Native frontend and Node.js backend for a connected saltwater aquarium management device.

06/2015 - 05/2019

### Co-Founder / Product Manager, Zolab

- Established MVP and defined product road-map based on market and competitive analysis.
- Led creation of B2B eCommerce website which now accounts for ~70% of sales.
- Oversaw development of innovative packaging to differentiate products from competitors.
- Developed products internationally that are 2x-4x more cost effective than competitors.
- Marketed products via SEM campaigns and direct mailings of sample kits.

09/2012 - 06/2015

### Product Manager, Applico

- Led teams of 3 to 7 people to create 15 custom iOS/Android apps and websites.
- Won 2014 Delivery.com challenge for "Gastronomie", an iOS app for food delivery that makes intelligent recommendations based on your current situation and mood.
- Successfully grew business with several clients, overseeing ~\$600k in business annually.

#### Select Projects

- Mt.Gox, formerly the world's largest Bitcoin exchange. Designed and developed fully featured iOS and Android cryptocurrency trading/monitoring apps as well as an SDK.
- CLSA Thorium, allows users at sea to send communications over the Thorium satellite network. Added graphical weather reports and the ability for users to submit forms to regulatory agencies, significantly increasing the utility and revenue potential.

## EDUCATION

09/2019

### Certificate of Completion, Software Engineering Immersive General Assembly

Learned full stack web development with a focus on React, Express & EJS, Ruby on Rails, MongoDB, PostgreSQL, HTML & CSS, JavaScript & jQuery

#### Select Projects

- PodDialogue, a website for reading and searching podcast episode transcripts built with a Rails backend and React frontend utilizing GraphQL.
- Squadformer, a website for easily generating random groups of people. Remembers past combinations so that groups are not repeated. Built with Node.js / Express / EJS.

06/2012

### Bachelor of Science in Electrical & Computer Engineering Worcester Polytechnic Institute

Graduated with High Distinction.

Minor in Society, Technology & Policy. Studied abroad in Shanghai and London.

#### Select Projects

- Two-Wheel Self Balancing Robot, repaired and improved a self balancing robot to avoid obstacles running on the Matlab SIMULINK platform.
- Home Depot Efficient Lighting & Power Sources Retail Display, created physical interactive display powered by an MSP430 calculating cost savings of lighting and solar panels to boost in store sales.