

Thomas Davis

Web Developer

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About

I'm a full stack web developer who can build apps from the ground up. I've worked mostly at startups so I am use to wearing many hats. I am a very product focussed developer who priotizes user feedback first and foremost. I'm generally very flexible when investigating new roles.

Experience

May 2020 - Present

Senior Javascript Developer

 <https://tokenized.com/>

Tokenized is a Bitcoin wallet for issuing, managing and trading digital tokens. I built out the front end which was packaged as an electron app. It was a difficult frontend to build because we store the users keys locally and used them to sign transactions and contracts.

React

Redux

SCSS

Product

Mar 2018 - Jan 2020

Senior Javascript Developer

 <https://platform.blockbid.io>

Blockbid is an Australian crypto currency exchange. I started off on the frontend but eventually became lead tech and worked on every moving piece of the exchange. I really enjoyed working with liquidity providers and connecting their platforms to help us achieve liquid markets.

React, Apollo, Styled Components

Node.js / Rails

Docker / Heroku / GCP

Used Figma for design and UX work

Optimizing markets with tens of millions of rows using SQL.

Jan 2016 - Jan 2018

Developer

 <https://listium.com>

Built a very large and complex React / Redux application. It works on all platforms and has IOS/Android builds due to it being a PWA. (wrapped it in React Native though only implementing a WebView)

Worked with Postgres, Redis and Dynamodb for storage.

Hosted on a mixture of Heroku Apps and EC2 servers.

Caching by Fastly and Cloudflare

Hybrid app supported on all platforms

Jan 2011 - Present

Co-Founder

 <http://www.cdnjs.com>

Following Google's CDN for jQuery, we decided to start a CDN for the less popular Javascript frameworks. The CDN is community moderated and open source on GitHub. We secured a partnership with Cloudflare who now supports the infrastructure.

Millions of sites use the CDN in production

Larger market share than Yahoo's, Microsoft's and Google's javascript content distribution networks

We serve hundreds of billions request a month

Contains over 3000 popular Javascript libraries

Millions of developers visit the site per year

Apr 2014 - Jan 2016

Developer

 <http://www.eff.org>

Hired to take EFF's campaigning to the next level by building an action centre in Ruby on Rails. The action centre is built around some large open source tools that lower the barrier to entry when contacting congress.

Developed new tools for contacting congress

Brainstormed campaign ideas to raise maximum awareness about issues

Lots of social networking integration

Mar 2013 - Jan 2015

CTO

 <http://www.earbits.com>

Started off as a front end developer but took on the role of CTO in early 2013. The application frontend is built with Javascript and organized as a single page application that talks to a collection of Rails web servers which are connected to MongoDB.

Managed a small team of developers and designers

Built the entire frontend application with Backbone.js

Transferred all of the infrastructure from Heroku to AWS

Apr 2014 - Present

Founder

 <http://jsonresume.org>

JSON Resume is a community driven open source initiative to create a JSON based standard for resumes. There is no reason why there can't be a common standard for writing a resume that can be extended with an ecosystem of open source tools.

This resume is built with JSON Resume
Over 3000 stars on Github
Community developed themes
Tens of thousands of users

Jun 2013 - Jan 2016

Developer

 <http://www.taskforce.is>

Worked on many politically charged campaigns against mass surveillance. Not only technically challenging work but also a lot of networking and getting my hands dirty with politics. Our biggest project was "TheDayWeFightBack"..

Generated 37,000,000 banner views
100, 000 phone calls to congress
500, 000 emails
250, 000 signatures

Jan 2013 - Present

Co-Founder

 <http://www.dronehire.org>

An international directory of civilian drone / UAV operators for hire. Services include aerial photography, aerial video, mapping, surveying, precision agriculture, real estate photography, remote inspections and infrared imaging. Our plan is to be the place to go when looking for UAV/Drone services. The website is built in Backbone.js and API is built with Node.js and Postgres.

The site and blog combined have managed to receive over 200,000 visitors in 2014.

Jan 2011 - Jan 2014

Founder

 <http://backbonetutorials.com>

I write tutorials and blog post regarding the popular Javascript framework Backbone.js. The tutorials cover a range of topics regarding front end development aimed at beginners, experts and anyone in between.

Over two million unique visitors a year
25,000+ ebook downloads
300,000+ Youtube views

Jan 2011 - Jun 2012

Front-end Developer

 <http://ephox.com>

Ephox is a worldwide company who is heavily involved with the development of TinyMce and enterprise editors. My primary role included building front-end widgets and applications. Worked on a major product using Backbone.js as a base. Heavily involved in UI/UX design and wire-framing. Also spend a lot of time designing API specifications and documentation.

Education

The University of Queensland

2008 - 2009

Bachelors

Software Engineering (incomplete)

Awards

Defender of the Internet

Fight For The Future

Skills

Frontend

Senior



- HTML / JSX
- SCSS / CSS / BEM / Styled Components
- Javascript / Typescript
- React / Next
- Redux / Apollo

Backend

Senior



- Node
- Ruby
- Python
- Postgres
- Redis
- Serverless
- AWS
- G Cloud
- Heroku
- Caching

Devops

Senior



Interests

Gardening Music / Jamming Reading / Writing Open Source

References

“ Thomas was hired as a lead developer and, upon the leaving of our co-founder took over as CTO of Earbits. Thomas is, hands down, one of those A Players you hear of companies dying to hire. He is incredibly smart, not just at code but about everything from classical music to Chinese language and culture. Thomas is great to work with and, as a well established contributor to open source projects and several successful ventures, commands the respect of engineers at all levels. I would suggest doing anything you can to have him on your team. ”

Joey Flores, Co-founder and CEO of Earbits, Inc.

“ I've had the great pleasure of working with Thomas for the past three years at Earbits, and on a few side projects. Two years ago our CTO left on a moment's notice, Thomas saved our company by quickly stepping up to fill this role. He has been with our company through thick and thin and made serious personal sacrifices in order to help the company during tough times. He is a phenomenal hacker and a true team player. Highly recommended! ”

Yotam Rosenbaum, SVP of Operations, Earbits, Inc.

“ Thomas is an extremely talented engineer with a very broad range of skills and experience. From being a thought leader in the front-end community via backbonetutorials.com and cdnjs.com, to designing and implementing the API for cdnjs.com, working with Thomas has been fantastic learning experience. Thomas is truly a full stack develop, and his work output is incredible. If there is any opportunity to work with Thomas, I take it. He is the definition of an A player. ”

Ryan Kirkman, Senior Software Engineer at Nerdwallet

“ On Thomas Davis ... Hire this guy. Do not be fooled. Incredibly capable and fast. Plays well with others. Unbelievable at front-end work end programming but that is just the start. Visionary. Hire him before I do. ”

Greg Davis