

Thomas Davis

Web Developer

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

EDUCATION

Software Engineering (incomplete), Feb 12, 2008-Dec 12, 2009, Bachelors, The University of Queensland

EMPLOYMENT

Product Engineer, May 5, 2020, Misc Companies, Melbourne

Over the past several years, I've worked at various roles and companies. Mostly early stage startups, doing full stack product development.

- *React / Next*
- *Node / Laravel*
- *LLMs*
- *Diagrams / Canvas*

Senior Javascript Developer, May 5, 2020-May 5, 2021, Tokenized 2, Melbourne

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*

Senior Javascript Developer, Mar 1, 2018-Jan 1, 2020, Blockbid, Melbourne

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.*

Developer, Jan 1, 2016-Jan 1, 2018, Listium

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*

Developer, Apr 1, 2014-Jan 1, 2016, Electronic Frontier Foundation

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*



 lordajax.com

 thomasalwyndavis@gmail.com

Phone

Phone

041102102

 Melbourne, AU

twitter ajaxdavis

 thomasdavis

AWARDS

Defender of the Internet, Oct 2, 2014, Fight For The Future

For my work against mass surveillance and building out civic tools for digital democracy.

PROJECTS

JSON Resume, Apr 1, 2014

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

Cdnjs, Jan 8, 2011

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

CTO, Mar 8, 2013-Jan 9, 2015, Earbits

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

Founder, Apr 1, 2014, JSON Resume

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Developer, Jun 1, 2013-Jan 1, 2016, 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

Co-Founder, Jan 1, 2013, Drone Hire

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.

Founder, Jan 1, 2011-Jan 1, 2014, 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

Front-end Developer, Jan 1, 2011-Jun 1, 2012, Ephox

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.

REFERENCES

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

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.

Yotam Rosenbaum, SVP of Operations, 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

We serve hundreds of billions request a month

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SKILLS

Frontend, Senior

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

Backend, Senior

Node Ruby Python Postgres Redis Serverless

Devops, Senior

AWS G Cloud Heroku Caching

INTERESTS

Gardening

Lazy Gardening

Music

Guitar Singing Dancing

Books

Reading Writing History

Open Source

All of it

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!

Ryan Kirkman, Senior Software Engineer at Nerdwallet

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.

Greg Davis

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.