Michael Downs

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LinkedIn: linkedin.com/in/michaeldownssj | **GitHub**: github.com/chindowns | **Portfolio**: michaeldowns.herokuapp.com

A Full Stack Developer passionate about products who delivers clean and polished applications in a collaborative environment. An effective communicator with the ability to translate technology into everyday language for clients, stakeholders, and teammates with varying disciplines. A collaborative teammate who also manages individual tasks to get projects completed through clear communication and leadership skills.

TECHNICAL SKILLS

HTML5, CSS, JavaScript, ES6, jQuery, React, JSX, Context API, TypeScript, NodeJS, Express, Bootstrap, AJAX, SASS, Perl, Python, Linux, JSON, Mocha, Jira, Index DB, Passport, Declarative Programming, Ruby, Sinatra, Flask, Django, Rails, MySQL, Mongo DB, AWS, Firebase Storage, Google Storage, Web API, Heroku, REST API, Git

EDUCATION

UC Berkeley Extension – Full Stack Developer   May 2020
University of Cincinnati – Electrical Engineering   2.5 years

PROJECTS

Yum&Yum | github.com/chindowns/Yum-Yum | yum-y-yum.herokuapp.com   Developer & Product Manager

- Yum&Yum is a recipe manager MERN (MySQL, Express, React, Node) application built by a team of 3 utilizing Agile methodologies.
- Uses MySQL -- taking advantage of 7 tables, 7 joins with 3 many to many relationships.
- The front end is built in React with hooks across 8 pages and 7 additional components shared with all pages.
- In two weeks, the team of 3 decided on a project, identified Minimum Viable Product (MVP), created pages of Epic Stories, Use Cases and competitive research to determine a viable product, developed and deployed.
- Worked with: ES6, REST API's, MySQL, Express, Routes, NodeJS, React, Bootstrap, Firebase, Web Services, HTML5, CSS3, and Continuous Integration.

JobKit | github.com/chindowns/job-kit | job-kit.herokuapp.com   Developer

- Job application manager enables users to track all job applications and interactions through the hiring process.
- Full Stack application utilizing Agile development, we had a Full Stack MVP deployed in 3 days.
- The app manipulates the DOM with dynamically generated elements and MySQL data through templates.
- Required fluent JavaScript, MySQL, HTML, CSS, NodeJS, REST and attention to detail to successfully deploy.

Covid-19 Tracker | github.com/chindowns/covid19-tracker | chindowns.github.io/covid19-tracker/   Developer

- One of the first Covide-19 trackers that charted each state's new cases by day to watch for leveling trends.
- Use a new API to aggregate 30,000+ objects from different sources into a daily new case trend by state.
- Experience with Linux and comfort with regex made it possible to cleanup data from new API gathering delivering data in a variety of formats.

WORK EXPERIENCE

Self-Employed   **Jun 2007 – Current**
Purchase, Renovate & Rent Houses   *Bentonville, AR and San Jose, CA*

1Source LLC, Self-Employed   **Jun 2009 – Apr 2016**
Business Consultant   Northwest Arkansas and Hong Kong

- Helped business improve their local and online marketing.
- Developed an advertising platform in the online virtual meeting space for a client.
- Customer Inclusive: Collaborate with the customers software engineers to ensure successful deployment.