David Whynot davidwhynot.com

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Full Stack Developer with a unique and powerful skill-set.

➤ Skills

Languages	Databases	Node.js
Node.js	MySQL	TypeScript
PHP	MongoDB	Express.js
Python	MSSQL	Passport Authentication
Lua		Jest Unit Testing
		Tensorflow.js

Other

Linux Operating System; Django; OAuth 2.0; Wordpress; Git & Github; Agile Development Methodology; Scrum; Automated Build and Deploy With Gulp, Git Hooks, & Shell Scripts; Stripe API; Puppeteer; React.js; Redux; Vue.js; Storybook; HTML5/CSS/Sass; jQuery

➤ Experience

Personal Projects

JS Neural Network

- ➤ A fully functional implementation of a neural network in Node.js.
- ➤ Trained and tested against the MNIST handwritten digit dataset. Compared performance and accuracy with Tenserflow.js.

Redditpull.com

- ➤ Built a web application as an alternative Reddit client. Uses a Node.js REST API and React.js frontend for fetching data from Reddit and displaying it in a desktop-optimized format.
- ➤ Prototyped monetization and authentication functionality around limiting the number of requests a free user could make.
- ➤ Deployed prototype to AWS Cloudformation, utilizing Docker containers for running the application and database in separate, scalable environments.

Wowclassicarmory.com

- ➤ Developed a serverless web application and a Lua based World of Warcraft addon. Users can export their character data from the game, upload it to the web application, and then easily share it with friends.
- ➤ Node.js based Netlify functions communicate with a MongoDB Cloud database to store uploaded data and serve it to the React.js frontend (also hosted on Netlify).

BIGGBY COFFEE
September 2019 - Present | Lansing, MI

Software Developer

➤ Consolidated store data from Google My Business, Wordpress, and multiple internal databases. Store data is now automatically synced between these services.
➤ Developed and presently implementing a new version of BIGGBY's customer loyalty/rewards REST API in Python, the new backend features include authentication, per-record authorization, extended customer profile data, digital rewards card management,
➤ Configured automated testing for multiple Django projects.
➤ Built new features and made updates to the BIGGBY.com Wordpress website.

DEKSIA
June 2019 - August 2019 | Grand Rapids, MI

Web Developer

➤ Created and updated Wordpress sites for clients. Optimized for speed and SEO.
➤ Upgraded current Gulp.js front-end asset build process to work with Webpack, improving page speed and developer workflow.
➤ Integrated current project management system with a serverless React dashboard, allowing leadership to more easily track progress and budget with active clients.
➤ Automated current online lead generation process with PHP, saving the sales team hours of time spent on manual data entry and sales tools generation.

Gwythdarian LLC
June 2017 - Present | Remote

Full Stack Developer

➤ Built a fully-featured social interaction (aka "Federations") module for the company's premier title "[Starium XCV](#)", a free to play browser-based game currently in alpha.
    ➤ Back-end: PHP, MySQL
    ➤ Front-end: Preact, Redux, SASS
➤ Containerized the game's application code the entire infrastructure (application, website, and networking) to AWS, resulting in increased scalability, better reliability, and reducing costs by 300% annually.
    ➤ AWS services utilized include EC2, Code Pipeline, Route 53, ELB, EBS, Cloud Formation, S3, Lambda, SES, SNS, IAM, RDS, SQS, and Cloudwatch.
➤ Participate in weekly Google Hangouts and monthly face-to-face meetings.

➤ Education

Muskegon Community College

A. Arts & Science

January-December 2017 | Muskegon, MI

Baker College

Present | Muskegon, MI
Pursuing a B.Sc. in computer programming.