John Johnson

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Frontend Skills

- Typescript
- JavaScript
  - React
  - Vue
  - jQuery
- HTML5
- CSS3
  - Sass
  - LESS
- Adobe Creative Cloud
- Responsive Design & Development

Backend Skills

- PHP
  - Laravel
- Ruby on Rails
- Relational DBs
  - MYSQL
  - PostgreSQL
- AWS CDK
  - EC2
  - DynamoDB
  - S3
  - Lambda
  - Api Gateway

General Skills

- Version Control
  - git
  - SVN
- Object Oriented Programming
- Project Management
- Agile & Scrum
- ADA Compliance
- Microsoft Office

Education

The Art Institute of California – San Francisco
Bachelor of Science • Web Design & Interactive Media
Graduated March 2011

Professional Experience

Arrowhead Engineered Products | Remote
Software Engineer
August 2022 – September 2023 ~ 1 Year

- Managed the product api for a catalog of over 150,000 items. Wrote scripts that identified data patterns that did not match business logic and corrected those antipatterns. I also created documentation for the products api that included relational diagrams for their database structure and word documents detailing api endpoints as well as expected returns.

- Assisted in the development and maintenance of several e-commerce sites. These sites were built with a Laravel backend and a Vue frontend.

- Handled the fortnightly build process for over a dozen active git repositories. This included the developer operations engineering for GitHub actions to deploy to Circle Ci, Laravel Forge, and Laravel Vapor.

Magna | San Francisco, CA
Software Engineer
November 2021 – February 2022 ~ 4 Months
- Created four media experiences with Laravel 8 and jQuery. Each experience mimicked a popular social media outlet: Snapchat, YouTube, Pixel News, and Instagram. The media experiences tracked user interactions and advertising analytics. A survey collected further brand metrics.

- Surveys were created in a third party software called Forsta. Using the web UI, XML, and python. The survey collected analytical data on topics like advertisement recognition and brand purchase potential metrics.

- Trained coworkers on Azure project management tools and the agile methodology. Hosted tutorials on ticket lifecycle and multi project sprint management. Created and maintained documentation on the development pipeline, project management, and code best practices.

Booj | Denver, CO
Fullstack Engineer
October 2016 – June 2021 ~ 4 Years 8 Months
- Was lead or supporting engineer on building six separate real estate web applications. Each application served thousands of realtors and home buyers daily. The tools provided included: property searches, home value estimation, and recently listed property alert emails. The frontend used the Smarty 2 template language with jQuery and the backend was built using object oriented PHP.

- Utilized Docker, Laravel 8, and Vue.js 2 as lead engineer to rebuild the informational company webpage: booj.com. Evaluated and adopted desired functionality from reference applications provided by the design department.

- Guided new hires during onboarding to promote healthy code standards. Also held workshops and tutorial sessions on how to use new tools I created for the team or how to handle common issues found via commit logs.

MYAAP Inc. | Denver, CO
Lead PHP Developer
August 2014 – October 2016 ~ 2 Years 2 Months

- Saved the company money in monthly operations costs by replacing expensive third party SaaS applications with applications I designed and developed using business logic provided by the CEO. The MYYAP (Manage Your Assets And Print) system I programmed used Angular for the frontend, object oriented PHP for the backend, and MySQL for the database.

- The MYAAP software was an end to end business solution for any print shop. It allowed shop employees to clock in and out, see and track which prints they were responsible for, it managed paper stocks and requested more from vendors if necessary, created shipping labels, and even exported accurate accounting information for QuickBooks.

- Created JustSayCheese.com, an online store to purchase custom prints on lightweight canvas boards. The frontend was built using JavaScript and the backend using object oriented PHP. Orders were then printed and managed using the MYAAP software.

Viscira | San Francisco, CA
Front-end JavaScript Developer: Contractor
June 2014 – July 2014 ~ 1 Month

- Created informative medical applications for tablet devices using JavaScript and Adobe Edge Animate. The applications provided info graphics and educational videos to patients so they could educate themselves.

- Programmed JavaScript widgets for modal windows, sliders, HTML5 video controls, and state management. Debugged and improved the company's existing JavaScript code base, improving load times and user retention rates.

Mochimedia | San Francisco, CA
UI Engineer
March 2011 – April 2014 ~ 3 Years

- Created wireframes and developed user experience for a flash games catalog with a library of over 70,000 entries. Translated Illustrator mockups to pixel perfect, and semantically sound web pages inline with W3C best practices.

- Mocked, prototyped, and developed client side tools for game developer analytics, advertiser sales tracking, and publisher site statistics. Crafted modular JavaScript widgets for popups, RSS feeds, thumbnail galleries, and menu interactions.

Ohai Inc. | San Francisco, CA
Content Designer
September 2009 – April 2011 ~ 1 Year 7 Months
- Rigged 2d vector graphics from Adobe Illustrator in Adobe Flash. Created character and asset animations from rigged art used for walk cycles or in game quest interactions. Wrote custom ActionScript 3 snippets to add unique or random animations to repetitive stock assets.

- Designed levels, quests, and icons for two separate games: City of Eternals and Project Unicorn Parade. Game icons were used for player skills, abilities, and in game inventory items.

Freelance
Fullstack Engineer / Designer
September 2007 – Present ~ 12 Years
- Festywise
  - Created a web application that allows music venues to book performance time with local musicians through a simple application and approval process. The front end is built using React and Redux. Backend is a ruby on rails app with a PostgreSQL database, all deployed on an EC2 instance using the AWS CDK.

- The Greening
  - San Francisco's sensational post-psychedelic rock band, The Greening, has commissioned me over the years to design and develop their web presence. Enabling their band to communicate with their audience and generate revenue with online sales.

- Impact Loop
  - Built a data collection tool for a nonprofit to track and plan investments. The tool utilized PHP/MySQL for data storage and retrieval as well as JS/D3.js/HTML/CSS for data visualization and frontend data input.

- DSPTCH
  - Perfected a pre-existing shopify template provided by the client. I fixed bugs in the provided code, created a fully responsive layout, and added additional functionality.

- WordPress Themes
  - I have created a dozen WordPress themes over the years for clients ranging from voice actors to 3d animators and even local bands. These themes were built using PHP and JavaScript. Each featured interactive UI elements like: galleries, shopping carts, news feeds, modal windows, and contact forms.