

Christopher J. Dimoulis

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Career History

Software Engineer, Peapod Digital Labs April 2020 - Present
Primary work as a front end developer for the main PRISM software which is an eCommerce engine for a variety of brands under the Ahold Delhaize company.

- Add or enhance features, provide solutions for regression bugs, perform peer code reviews.
- Agile environment with regular deployments.
- Part of the team creating the new GraphQL based Backend for Frontend layer.
- Technologies Used: Vue.js, Vuex, Node.js, Jest, GraphQL, Storybook.

Owner & Software Developer, Thoughtfront, Inc. (Personal Corporation for contract work) Jan 2018 - Present
Technical consultations, modernization of outdated software, prototype startup applications/develop MVPs.

- Perform business analysis on 3rd party databases.
- Migrate old features to new platforms.
- Technologies: React, Redux, Vue.js, Vuex, Node.js, PHP/Laravel, Ruby/Rails, Postgres, MySQL

Software Developer, Chassi July 2018 - Jan 2020
Early stage employee. Primarily develop a React based micro frontend architecture platform served independently from the microservice based API. Adapt to pivots and priority changes as needed from customers or dictated by market.

- Add/update features for the independent single page applications.
- Maintain several Node.js packages containing our utility libraries and reusable components.
- Write tests for new software and increase coverage on existing software if lacking. Typically test driven development.
- Plan API changes for usability updates and new features.
- Integrate Metabase into our application and add custom visualizations with d3.js
- Technologies Used: React.js, Redux, Node.js, Jest, d3.js, SQL, Storybook.

Project Manager, Lead Software Engineer (Full Stack), Greplytix, Inc. May 2014 - July 2018
Early stage employee. Build assessment and analytics software used in schools and medical resident evaluations.

- Develop our data visualization library using d3.js.
- Build and maintain JSON REST APIs within Rails MVC framework.
- Mentor and guide junior engineers.
- Work with clients to develop new features that help meet their current needs. Provide remote and in-person client training.
- Technologies: Ruby, Rails, Backbone.js, Node.js, Postgres/Mongo, d3.js.

Software Engineer (Contract), Howler Applications Jan 2015 - Dec 2015
iOS App developer and iOS SDK for access to Howler network

Faculty, Southern Illinois University Aug 2005 - May 2014
Faculty in the Aviation Flight department. Besides main duties of teaching perform contract software work for the Integrated Microscopy and Advanced Graphics Expertise center.

- Develop iOS app for the Aviation Flight department.
- POC of flight simulator using arduino and MS Flight Simulator.
- Develop image processing software for University IMAGE (microscopy) center.

Technical Experience

Programming/Markup Languages

Javascript, Ruby, PHP, Objective-C, Python, Java, SQL, HTML/CSS/SASS, GraphQL

Frameworks/Libraries

React, Redux, Vue, Vuex, Node, Express, Laravel, d3.js, Rails, Backbone, jQuery, Material UI, Bootstrap

Additional Experience

Jest, RSpec, Test Driven Development, Postgres/MySQL, git, Single Page App, Data Visualization, Public Speaking, Teaching

Education

B.S. Degree in Aviation Management, Southern Illinois University Carbondale

2005

M.S. Degree in Computer Science, Southern Illinois University Carbondale

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