

CHRIS CANKOV

SOFTWARE ENGINEER

CONTACT

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PROJECTS

CODEBLOCKS

(ReactJS, Redux, Rails, PostgreSQL)

An online study platform built using ReactJS and Ruby on Rails that allows users to transcribe educational code samples into interactive flashcards.

- Enabled code syntax highlighting and markup in 20 different programming languages using the Ace code editor.
- Implemented multiple difficulty levels by processing rich text markup in Rails and storing levels as JSON documents in a PostgreSQL server.
- Developed a responsive study experience by preloading user data into a Redux store using asynchronous AJAX queries and leveraging the ReactJS Virtual DOM.

SUDOKULOR

(ReactJS, JavaScript, CSS)

An abstract art puzzle game based on Sudoku and built using object-oriented JavaScript and ReactJS.

- Visualized a customized backtracking algorithm to solve Sudoku puzzles by leveraging non-blocking asynchronous functions.
- Organized the Sudoku game logic into object-oriented JavaScript classes using ES6 syntax.
- Used modular ReactJS components to display all possible permutations of available moves.

SCHEMER

(Vue.js, Vuex, JointJS, Express, MongoDB)

A graphical database builder which leverages the JointJS diagramming library and Vue.js.

- Incorporated a Vuex data store to facilitate the storage and access of a JointJS database model throughout front-end Vue.js components.
- Integrated the Express backend with a MongoDB noSQL database due to lightweight backend needs and the non-relational nature of the JointJS data model.
- Learned a new technology stack and implemented the project in a 1 week time frame.

EXPERIENCE

PRODUCT SPECIALIST, PI INTEGRATORS

OSIsoft, LLC

2016 - 2017

- Implemented a full-stack data entry web UI using C# and JavaScript for the company's in-house workforce management application based on ASP.NET MVC.
- Launched the support team for 3 new PI Integrator products by testing builds, debugging defects, and providing tier 2 support.

CUSTOMER SUPPORT ENGINEER

OSIsoft, LLC

2013 - 2016

- Provided enterprise technical support for Fortune 500 customers by solving complex software issues with the PI System; 450+ products supported.
- Managed a team of 8 engineers to design and develop an in-house workforce management web application for a global support team of over 300 engineers.

EDUCATION

APP ACADEMY

Spring 2017

1000-hour immersive full-stack web development course with < 3% acceptance rate

NORTHWESTERN UNIVERSITY

2009 - 2013

BS - Chemical Engineering; Certificate in Managerial Analytics; GPA 3.63



SKILLS

JavaScript
ReactJS
Vue.js
Ruby
Rails
jQuery
Redux
SQL
Git
HTML5
CSS3
C#

