JON SLAWITSKY

SOFTWARE ENGINEER

A former technical analyst with a strong engineering background who has decided to become a software engineer. Has experience in design and in the healthcare software industry. Seeking opportunities to work on front or back-end web applications.

CONTACT

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jslawjslaw

jonathanslawitsky

SKILLS

LANGUAGES

JavaScript
Ruby
SQL
HTML
CSS
GIT

DATABASE

SQL Server
PostgreSQL
SQLite
MySQL

TECHNOLOGIES

React
Redux
jQuery
Ruby on Rails
Heroku

EMPLOYMENT HISTORY

Epic Systems Verona, WI
Mar 2015 – Apr 2016

Technical Service Analyst

Developed server utility to search for scheduled blocks resulting in improved analysis of OR usage statistics.

Developed server utility (MUMPS language) to search for & update open "Episodes of Care" by date and type.

Debugged code and build errors brought by analysts and clinicians at several major healthcare organizations.

PROJECTS

Formulator | Live | Repo
A multipage, form building app

React, Redux, Ruby, Rails,

Backend transactions ensure that permanent SQL statements are created for submissions and entries only if they succeed as one atomic unit.

Form builder tab component allows for compartmentalization of functionality and smooth user experience.

Use of currying upon creating fields wraps potential user responses and drives submission process.

Flow Sim | Live | Repo
A fluid visualization tool

JavaScript, Canvas

Canvas implementation allows for realistic depiction of fluid flow over time.

Utilizes density and velocity solvers that determine flow based on advection, diffusion, and continuity equations.

RubyArchive | Repo
An ActiveRecord inspired ORM

Ruby

Facilitates the creation of models whose data requires persistent storage to a SQLite database.

Searchable module allows for string based queries or queries built with hashes.

EDUCATION

App Academy NY, NY
Oct 2016 – Jan 2017

Web Development

1000 hour full-stack programming boot-camp with <5% acceptance rate.

McGill Montreal, QC
Sept 2010 – May 2014

Bachelor of Engineering

Major in Mechanical Engineering, GPA: 3.25

Notable Courses: Linear Algebra, Numerical Methods, Ordinary Differential Equations, Partial Differential Equations, Computers in Engineering