

Daniel Hintz

Full-Stack Software Engineer

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Website: coming soon

PROFILE

Full stack developer with experience in Ruby and JavaScript based programming and passion for analyzing and solving challenging real-world problems using code. Six years of industry experience working within the Software Development Life Cycle (SDLC) for an industry-leading enterprise SaaS provider taking products from inception to delivery including gathering technical and business requirements, developing user experience, and providing post-launch support has provided unique flexibility and the ability to step outside of the role as needed. Excited to bring all these different experiences together to engineer innovative software solutions.

TECHNICAL SKILLS

Front-End:

- HTML5
- CSS3 / Flexbox
- Async JavaScript (ECMAScript 6)
- React.js
- Redux

Back-End:

- Ruby
- Sinatra
- Ruby On Rails
- Node.js
- SQL / SQLite3
- ActiveRecord
- Git / GitHub

Non-Language:

- Full-Stack Development
- MVC / REST Architecture
- Procedural Programming
- Object-Oriented Programming
- Business & Technical Requirements Gathering
- Business Process Modelling & Improvement

TECHNICAL PROJECTS

VisualStore - [Github](#): [dhintz89/visual_store](#) | [Demo](#): <https://youtu.be/BSPxji8sfbs>

Full-Stack shopping website catering to visual products, such as paintings or digital art.

- Combined Ruby on Rails, React/Redux, HTML/JXS/CSS, & SQLite3 to independently create full-stack website
- Heavy emphasis on modular design to organize code into independent reusable components
- Designed custom Shopping Cart using React Components & connected to Redux Store for efficient user experience
- Employed Thunk middleware and Javascript Fetch calls to asynchronously gather data from backend API
- Leveraged Bootstrap & custom Media Queries to ensure consistent, responsive site design regardless of screen size

What's Cookin' - [Github](#): [dhintz89/whats_cookin](#) | [Demo](#): <https://youtu.be/FJqZVTCZuEQ>

Recipe App to return random recipes based on a keyword search and send users a shopping list.

- Integrated asynchronous JavaScript with Rails RESTful API backend to create a Single Page Application (SPA)
- Utilized JSON Web Tokens (JWT) & localStorage to store encrypted login info client-side for persistent login
- Employed 3rd party gems (Faraday & Dot-Env) to securely facilitate calls to a 3rd party API (Spoonacular) from backend without exposing API Key to user

StockStack - [Github](#): [dhintz89/stock-stack](#) | [Demo](#): <https://youtu.be/JE8C331lybU>

Multi-Page web application for searching and organizing stock market watchlists.

- Built entirely on Ruby on Rails framework using RESTful architecture
- Architected complex hierarchical data model to support rollup views containing aggregate data from many individual records
- Facilitated Single Sign On logins via Facebook using 3rd party gems (Devise and OmniAuth) & Rails sessions
- Integrated with an external API (IEX Cloud) via 3rd party gem (Stock_Quote) to return stock information based on a Symbol or Company search
- Optimized site performance and operating cost by internalizing data records and implementing control flows to pull information locally versus external API calls
- Created a scrolling banner animation without JavaScript using HTML/CSS

My-Town-Tracker - [Github](#): dhintz89/my-town-tracker | [Demo](#): https://youtu.be/mtj-KzCgeQI

Lightweight web app to help users keep track of interesting places they've seen or visited.

- Built using Ruby language with Sinatra framework and following RESTful architecture
- Designed dynamic picklists based on existing data, enabling users to associate back-end data structures from the front-end site (ex. assign a Category to a Place record)
- Implemented various database filters to enable users to narrow search results from the front-end site
- Created a dynamic status bar feature based on existing data without JavaScript using CSS and Ruby

Local Events - [Github](#): dhintz89/local_events | [Demo](#): https://youtu.be/mhw1Vi_W-tg

Command Line Application to search for upcoming events based on user-provided location and filter criteria.

- Built Command Line Interface (CLI) using Ruby & improved user experience (UX) through configuration of colors and formatting
- Simulated website integration by enabling searching and filtering based on user criteria by interpolating user input into target URL
- Utilized Nokogiri gem to scrape a local events website

WORK EXPERIENCE

ServiceSource

Senior Business Process Architect

B2B Sales Outsourcing & SaaS Organization July 2012 - Present

Previous Roles: Business Analyst, Business Intelligence Analyst, Operations Services Specialist

- Successfully completed over 50 projects, working with more than 25 well-known tech companies including 7 Fortune 500s, and teams ranging from under 5 employees to over 100
- Utilized process architecture framework (DMAIC/LEAN) to identify, define, & implement business process improvements including root-cause analysis and coaching in follow-up problem resolution
- Designed and implemented cross-functional process workflows incorporating workforce, systems, data design, and service motions to support business integration and migration solutions, often working on multiple simultaneous projects and workstreams
- Created lightweight supplemental tools to provide immediate remedy for functionality gaps in applications
- Designed User Experience (aka Customer Journey) and gathered business and technical requirements for an enterprise CRM solution custom-built on Salesforce infrastructure
- Developed, implemented, and oversaw QA Program which reduced error rate from 60% to less than 10%, reducing re-work and restoring client confidence for an escalated account
- Facilitated QA Program which reduced perceived error rate from 15% to less than 2%, restoring confidence in low-cost backend team & encouraging workload transition, saving over 10 FTE + overtime costs
- Designed workflow format scheme to increase customer readability - adopted as global company standard

EDUCATION

Flatiron School

April 2020

Full Stack Web Development, Ruby on Rails and JavaScript program

Salesforce University

May 2019

Salesforce Certified Administrator

University of Tennessee

Dec 2015

Greenbelt Certification in "LEAN Applied to Business Process" Methodology

Knox College

June 2011

Bachelor of Arts, Psychology/Business Administration

TESTIMONIALS

"Your [self-built .NET based tool] review was incredible yesterday - thank you for the depth of thought and preparation that clearly went into this future-state process. Very proud of not only the solution you laid out, but how you clearly had rehearsed and planned how you would divide and conquer [the communication] seamlessly..." - Global Director, Professional Services

"[Dan has] been invaluable at figuring out how to think outside the box for a QA program for a complex system relying on specific [input from various] teams and [integrated] systems." - Project Manager

"His willingness to be on sessions at any time of the day or night is outstanding. He's often giving shout outs to other team members, too - he's a real team player. I literally sleep easier at night knowing he is a part of this migration." - Senior Business Systems Analyst

"His work ethic, professionalism, and skill continue to astound me...Dan remains patient, collaborative, and actively engaged...and was praised by [client] for his extraordinary work." - Global Enterprise Program Manager