

Daniel Hintz

Full Stack Software Developer

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PROFILE

Results-oriented Full stack developer with expertise in **JavaScript** and **Ruby** programming and passion for **analyzing** and **solving** challenging problems with code. Experience building **Web Apps** and **APIs** from ground up, as well as consuming and improving existing APIs. Additional six years' experience in Software Development Lifecycle, **designing** and **implementing** enterprise SaaS products from inception to delivery. Broad experience enables me to step outside traditional developer boundaries, making me more effective at **communicating** with non-developer groups. Looking forward to leveraging my skills and experience to help engineer a better world.

TECHNICAL SKILLS

Front-End Development:

- HTML5
- CSS3 / Flexbox
- Async JavaScript (ES6)
- ReactJS
- Redux
- jQuery

Back-End Development:

- Ruby
- Ruby on Rails
- Node.js
- SQL / PostgreSQL
- ActiveRecord
- Git / GitHub

Non-Language:

- Full-Stack Development
- MVC Architecture
- REST Architecture
- Test Driven Development
- Functional Programming
- Object-Oriented Programming

Non-Development:

- Requirements Gathering
- Process Modelling
- Process Improvement
- Analytical Problem-Solver
- Fast, Independent Learner
- Microsoft & Linux OS

TECHNICAL PROJECTS

VisualStore: Online shopping website catering to visual products, such as paintings or digital art.

GitHub: [dhintz89/visual_store](#) | **Demo:** <https://youtu.be/BSPxji8sfb8>

- Used AJAX to combine Ruby on Rails, React/Redux, HTML/JCX/CSS, & SQLite3 to independently create full-stack website
- Heavy emphasis on modular design to organize code into independent reusable components
- Built custom Shopping Cart using React Components and connected to Redux for efficient user experience
- Employed Thunk middleware and Javascript Fetch calls to asynchronously gather data from backend API
- Ensured consistent, responsive user experience on any screen size using Bootstrap & custom Media Queries

What's Cookin': Recipe App for people who can't decide what to cook tonight.

Site: https://dhintz89.github.io/whats_cookin_frontend | **GitHub:** [dhintz89/whats_cookin](#) | **Demo:** <https://youtu.be/FJqZVTCZuEQ>

- Integrated asynchronous JavaScript with Rails REST API backend (AJAX) 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
- Enabled users to self-email selected information from website by linking Rails' ActionMailer with an event on client-side

StockStack: Multi-page web application for searching and organizing stock market watchlists.

GitHub: [dhintz89/stock-stack](#) | **Demo:** <https://youtu.be/JE8C331IybU>

- Built entirely on Ruby on Rails framework using REST architecture
- Enabled users to slice and dice data by architecting a hierarchical data model to support aggregate views
- Facilitated Single Sign On logins via Facebook using 3rd party gems (Devise & OmniAuth) & Rails sessions
- Integrated with an external API (IEX Cloud) via 3rd party gem (Stock_Quote) to return stock information on-demand
- Optimized performance and operating costs by implementing control flows to pull information locally versus API calls
- Created a scrolling banner animation without using HTML/CSS

My-Town-Tracker: Lightweight web app to help users keep track of interesting places seen or visited.

GitHub: [dhintz89/my-town-tracker](#) | **Demo:** <https://youtu.be/mtj-KzCgeQI>

- Built using Ruby language with Sinatra framework and following REST architecture
- Designed dynamic picklists based on existing data, enabling users to directly associate data records from the site
- Implemented various database filters to enable users to narrow search results from the front-end site
- Promoted gamification through visual data by creating a dynamic status bar

Local Events: Command Line Application to search for upcoming events with location and filter criteria.

GitHub: [dhintz89/local_events](#) | **Demo:** https://youtu.be/mhw1Vi_W-tg

- Built using Ruby & improved user experience (UX) through configuration of colors and formatting
- Simulated website integration with search & filter functionality by interpolating user input into target URL
- Utilized Nokogiri gem to scrape a local events website

WORK EXPERIENCE

ServiceSource

B2B Sales Outsourcing & SaaS Organization

Senior Business Process Architect
Denver, CO & Remote July 2012 - Present

Previous Roles: Business Analyst, Business Intelligence Analyst

- Employed process architecture framework (DMAIC/LEAN) & root-cause analysis to identify & implement improvements
- Developed & implemented QA Program **reducing error rate from 60% to less than 10%**, restoring client confidence
- Facilitated QA Program **reducing error rate from 15% to 2%**, enabling low-cost transformation and **saving 10 FTE**
- Designed & implemented cross-functional best practices integrating people, systems, data, and service motions to support business integration and migration solutions
- Designed workflow formatting scheme to increase customer readability - adopted as global company standard
- Created lightweight supplemental tools to provide immediate remedy for functionality gaps in applications
- Defined Customer Experience and gathered **business & technical requirements** for custom enterprise Salesforce CRM
- Operated **100% remote**, working with varied distributed teams **across the globe** on multiple concurrent workstreams
- 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

EDUCATION

Flatiron School

Full Stack Web Development

April 2020

Salesforce University

Salesforce Certified Administrator

May 2019

Knox College

BA, Psychology/Business Administration

June 2011

University of Tennessee

Greenbelt Cert. in "LEAN Applied to Business Process"

Dec 2015

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