**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**](https://github.com/dhintz89/visual_store): dhintz89/visual\_store | [**Demo**](https://youtu.be/BSPxji8sfbs): https://youtu.be/BSPxji8sfbs

● Used AJAX to combine Ruby on Rails, React/Redux, HTML/JSX/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): https://dhintz89.github.io/whats\_cookin\_frontend **|** [**GitHub**](https://github.com/dhintz89/whats_cookin): dhintz89/whats\_cookin **|** [**Demo**](https://youtu.be/FJqZVTCZuEQ): 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**](https://github.com/dhintz89/stock-stack): dhintz89/stock-stack | [**Demo**](https://youtu.be/JE8C331IybU): 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**](https://github.com/dhintz89/my-town-tracker): dhintz89/my-town-tracker | [**Demo**](https://youtu.be/mtj-KzCgeQI): 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**](https://github.com/dhintz89/local_events): dhintz89/local\_events | [**Demo**](https://youtu.be/mhw1Vi_W-tg): 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** **Senior Business Process Architect**

B2B Sales Outsourcing & SaaS Organization 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** April 2020

Full Stack Web Development

**Knox College** June 2011

BA, Psychology/Business Administration

**Salesforce University** May 2019

Salesforce Certified Administrator

**University of Tennessee** Dec 2015

Greenbelt Cert. in “LEAN Applied to Business Process”

# **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**