

Dan Carlton

Full Stack
Software Engineer

Contact

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Portfolio

dancarlton.com

github.com/dancarlton

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Skills

HTML

CSS

Javascript

React.js

React Native

Next.JS

Node.js

MongoDB

Express

Python

Snowflake

Qlik

PlayCanvas

OOP

Web Accessibility

Git

GitHub

Monday.com

Jira

Education

TripleTen

Current

Ranked Best Overall Bootcamp
(Fortune Education 2024)

Full-Stack Development: HTML5,
JavaScript, React

Summary

Experienced Software Engineer with a focus on mobile apps, responsive websites, AI, and data architecture. Proficient in designing and implementing front-end and back-end web applications with an innovative, detail-oriented approach. Acknowledged for exceptional documentation, and clear team communication. Eager to contribute to a dynamic team of engineers at the forefront of technology, leveraging my professional experience in frontend, backend development, and data systems in both autonomous and collaborative settings.

Work Experience

Ready Capital / BI Engineer

JANUARY 2024 - JUNE 2024, REMOTE

As a BI Engineer at Ready Capital, I leveraged my experience in Python, Snowflake, and Qlik Sense to enhance data reporting and system engineering for both commercial and government real estate lending operations. My role involved both development and project management enhancements using Jira and its automation features, focusing on data pipeline automation and application deployment.

- Self-taught the intricacies of Qlik to develop high-quality business intelligence applications despite limited documentation and resources, becoming proficient in creating advanced data visualizations and reports.
- Developed over 30 applications that were currently in production, enhancing data-driven decision-making for the company.
- Created systems that took raw data through processing pipelines to visualization apps, using Python & Snowflake, significantly speeding up data accessibility and reporting accuracy.
- Was involved in the migration of data storage solutions from AWS to Oracle.
- Authored extensive documentation on processes and development best practices, improving team alignment and efficiency.

The Malibu Retreat / Web Developer & Operations Manager

DECEMBER 2023 - JUNE 2024, LOS ANGELES

In this role, I overhauled operational systems and financial processes for a property management and events venue, utilizing my web development and project management skills. My responsibilities encompassed building a full-stack website, automating business processes, and enhancing marketing strategies.

- Developed a fully integrated website using Wix and set up automated processes for leases and invoices via custom Zapier webhooks, significantly reducing manual workload and increasing operational efficiency.
- Utilized Monday.com to organize tasks by priority, sprint, and

Tools and Resources: Babel, Google Cloud, MongoDB
Project Management: Scrum Master

Certifications

Current

Full Stack Open: University of Helsinki
– Deep Dive into Modern Web Development
Coursera: Qlik Sense Certification – The Complete Practical Course
Coursera: Snowflake – The Complete Masterclass (2023)

Harvard University

Current

CS50: Introduction to Computer Science
CS50: Mobile App Development with React Native

San Diego State University

B.A. in Business Administration (Marketing)

Freelance

Edgewood Renewables (Web Application)

I designed and developed a website for Edgewood Renewables, a prominent player in the renewable biofuel diesel industry with over \$200 million in assets. Through strategic optimization and enhancements, I achieved a remarkable increase in the website's traffic and engagement, boosting its volume by over 2000%.

Jarvis (React Native App)

Built a mobile application using React Native, inspired by Jarvis from Marvel's Iron Man series. This app incorporates multiple APIs from OpenAI, demonstrating a complex integration for enhanced functionalities.

TravelBuddy (React Native App)

Created a React Native application that offers tailored recommendations for restaurants, hotels, and excursions. It integrates

quarter, improving project tracking and team productivity.

- Engineered and executed a marketing campaign specifically for wedding events, which boosted venue bookings by over 40% within a year, significantly increasing revenue and market presence.
- Revamped the venue's operational and financial strategies, leading to enhanced efficiency and accuracy in client management and billing processes.

Rinse / Lead Engineer & Project Manager

OCTOBER 2023 - JANUARY 2024, REMOTE

As the Lead Engineer and Project Manager for "rinse," I spearheaded the development of an eco-friendly, on-demand car washing service app. My role involved comprehensive project management, technical development, team coordination, and implementation of innovative features using the MERN stack.

- Defined project specs and led a team of engineers, resulting in a cohesive and efficient app-building process
- Developed key app components and managed the Git repository, enhancing code quality and project progress
- Integrated user-friendly design elements, significantly improving user experience and accessibility
- Introduced advanced features like geolocation and a calendar-based system, elevating user convenience and app functionality
- Implemented effective email and push notification systems, leading to improved user engagement and satisfaction

StoryFile Inc. in Collaboration with Meta / Junior Software Engineer & QA Engineer

APRIL 2023 - OCTOBER 2023, LOS ANGELES

Played a pivotal role in creating a groundbreaking VR/XR experience for Meta in collaboration with StoryFile Inc. The interactive conversation platform featured a Holocaust survivor, garnering global recognition and positive press feedback. The project will be exhibited in prestigious museums worldwide and screened at the White House, leaving a lasting impact on viewers.

- Contributed to front-end development efforts to enhance user experience and provide seamless navigation
- Diligently identified and resolved over 200 bugs and delivered over 50 successful branches prior to deployment
- Created automated and manual test strategies to ensure product quality
- Resolved CSS/JS multi-browser compatibility issues and optimized front-end performance along with ADA compliance
- Revamped and optimized HTML and CSS files, resulting in a 20% reduction in load time and enhanced website performance
- Reorganized document files, improving team efficiency by 30% and facilitating easy access to essential project resources
- Mastered a new platform (PlayCanvas), contributing to the successful development of 5 interactive VR/XR experiences
- Utilized and managed Monday boards and bug submission forms, increasing task completion rates by 25%

Google AutoComplete API and Travel Advisor API for personalized user experiences based on search preferences.

FlickPedia (React Native App)

Developed a responsive movie application in React Native, utilizing the DatabaseMovieDB API. This project focused on delivering a user-friendly interface and seamless access to extensive movie data.

- Trained AI models to provide personalized user interactions, contributing to a 15% boost in user engagement and satisfaction

100Devs Agency / Software Engineer

OCTOBER 2022 - APRIL 2023, LOS ANGELES

As a key contributor to a collaborative development team, I played a pivotal role in building modern, responsive web applications, adhering to industry best practices. My leadership and organizational skills were instrumental in guiding multiple engineers, effectively translating customer requirements into successful project implementations and driving innovative design ideas.

- Engineered robust and scalable full stack web applications with a strong emphasis on semantic structure
- Built semantically structured full stack web applications
- Applied agile methodologies like SCRUM for project management
- Participated in the full lifecycle of product development from concept to deployment
- Leveraged Figma to craft visually stunning front-end applications, delighting clients with captivating design solutions

Travel Bugs, LLC / Founder

OCTOBER 2020 - APRIL 2023, LOS ANGELES

As the visionary founder of a multiplatform travel startup, I spearheaded a unique venture that aimed to combine real estate investment, travel booking, and an innovative travel game. Our platform aimed to empower users to explore the world, support local businesses, and be rewarded for their adventures, creating a transformative and engaging travel experience.

- Established a company of 17 people that worked toward creating a transparent Booking Platform with 627 properties around the world and a mobile travel app
- Grew a community of 5,000 travelers willing to share their favorite locations on our app
- Designed the company website and marketing campaign that reached over 50,000 people with a budget of \$500
- Built an interactive website using three.js