

# Dan Carlton

Full Stack  
Software Developer

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## Contact

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## Portfolio

[dancarlton.com](http://dancarlton.com)

[github.com/dancarlton](https://github.com/dancarlton)

[www.linkedin.com/in/dan-carlton](https://www.linkedin.com/in/dan-carlton)

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## Skills

HTML

CSS

Javascript

React

React Native

Next.JS

Node

MongoDB

Express

PlayCanvas

OOP

Web Accessibility

Git

GitHub

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## Education

### 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)

## Summary

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Experienced Software Engineer with a focus on AI, mobile apps, and responsive websites. Skilled in designing and implementing front-end and back-end web applications with a creative and detail-oriented approach. Recognized for exceptional documentation skills, team communication and collaboration. Eager to join a dynamic team of passionate developers at the forefront of technology. Over 1 year of professional frontend and backend development experience in autonomous and cross-functional settings.

## Work Experience

### StoryFile Inc. in Collaboration with Meta / Junior Software Developer

APRIL 2023 - PRESENT, 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%
- Trained AI models to provide personalized user interactions, contributing to a 15% boost in user engagement and satisfaction

### 100Devs Agency / Software Developer

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

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## Freelance

### Jarvis (React Native App)

Recreated Tony Stark's Jarvis from the iconic Iron Man series in the Marvel Universe. Utilized the power of React Native to build an immersive mobile application that seamlessly integrated with multiple APIs from OpenAI, enabling advanced features and interactions.

### TravelWise (React Native App)

Desktop and mobile responsive application that served movie recommendations based on user search preferences utilizing Google AutoComplete API and Travel Advisor API.

### FlickPedia (React Native App)

User friendly immersive and responsive fully functional movie application utilizing DatabaseMovieDB API.

### Hip Coffee Co (Fullstack Web App)

Developed a customer-order management application for cashiers and baristas, enabling streamlined processing of coffee orders. Cashiers can input customer orders with names, while baristas can log in to the app to view and mark orders as complete. Implemented a feature to track the barista responsible for completing each order.

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 2022 - 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

### The Pangaea Project, LLC / Founder

AUGUST 2016 - 2020, LOS ANGELES

As the founder of a charity-based music events and artist management company, I orchestrated impactful events that brought together the power of music and philanthropy. Collaborating with organizations such as the San Diego Food Bank, Ocean Cleanup, and local toy drive charities, we utilized the large scale music events to drive positive change and support important causes in our community.

- Generated more than \$27,000 in funds for charities, provided 12,000 meals to food-insecure children, and collected over 300 toys for toy drives from our events
- Sourced artists, live performers, sponsors and charities for over 30 events
- Managed artists, tours, festival stages, sales and budgets
- Promoted promoted brands, artists and events via Social Networks and managed
- Developed and maintained event calendar and databases for suppliers, sponsors, vendors, artists and charities