

Jake Chen

Senior Frontend Software Engineer

- New York, NY
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- Jakechen.me

Profiles

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Programming Skills

JavaScript

TypeScript

HTML

CSS

SASS

PSQL

SQL

Frameworks and Libraries

ReactJS

NodeJS

ExpressJS

React Native

GraphQL

Redux

Framer Motion

Bootstrap

TailwindCSS

Ant Design

Material Design

Tools and Technologies

Git

Docker

Jest

Figma

Webpack

Vite

NPM

WordPress

Squarespace

Wix

Experience

Dragin.io

Senior Frontend Software Engineer

August 2023 - Present

- Designed scalable state management strategies, optimizing platform stability and improving development efficiency enabling **50% faster feature delivery**.
- Standardized coding patterns and established a modern tech stack to ensure code consistency and maintainability.
- Improved UI rendering performance by **35%** through advanced state management and lifecycle optimizations.
- Mentored junior developers, fostering a collaborative team culture and accelerating onboarding processes.
- Collaborated with stakeholders to define clear project requirements, balancing technical feasibility with business goals.

Dragin.io

Frontend Software Engineer

August 2021 - August 2023

New York, NY

- Conducted UX/UI research and design, creating wireframes and prototypes to improve user workflows and streamline product functionality.
- Increased user retention by **80%** through intuitive design updates and feature integrations, centralizing platform usability.
- Delivered modular, reusable components aligned with atomic design principles, incorporating accessibility-first features.
- Collaborated with cross-functional teams to ensure alignment between technical solutions and business objectives.

Projects

ISO Portal

Frontend Software Engineer

June 2023

- Revamped a proof of concept by redesigning the UX/UI, optimizing state management, and improving API flows to reduce load times from **6 seconds to under 1 second**.
- Conducted user research and collaborated with backend/Salesforce teams to streamline database structures and improve data distribution.
- Introduced scalable, widget-based features to address pain points and automate manual processes for enhanced usability.

Dragin Plaid Integration

Frontend Software Engineer

March 2023

- Built a secure platform using Plaid's API, enabling business owners to link bank accounts, reducing clients' processing team workload by **90%**.
- Designed an underwriting dashboard with tools to analyze financial data and score business viability, improving underwriting turnover by **~30%**.
- Integrated calculators and dynamic reporting features for streamlined decision-making and reduced manual processing.

DnD

Frontend Software Engineer

November 2022

- Replaced a legacy form process with a modern step-form B2B solution featuring drag-and-drop functionality and real-time task queuing.
- Developed a flexible database structure and dashboard controls, empowering clients to customize and manage form fields dynamically.
- Achieved a **70%** increase in data entry speed, cutting processing time from **10 minutes to under 4 minutes**.

Education

Fullstack Academy

Certificate in Software Engineering

June 2021

Brooklyn College

HR Management and Leadership

February 202

B.B.A