

DANIEL CHEN

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A front-end engineer specialized in Javascript and React, with experience designing and building websites using industry standard frameworks, with the ability to pick up new technologies quickly to help companies achieve their goals.

TECHNICAL SKILLS

- **Strong:** Javascript, React, HTML, CSS, SASS, Bootstrap, Tailwind CSS, Redux, React Router, Material UI, Formik, Yup, MySQL, Adobe Suite (Photoshop, Illustrator, InDesign)
- **Experienced:** Typescript, Git, Nginx, Webpack, Jest/Enzyme

LATEST PROJECTS

Ring Builder – Typescript, React, Redux, React Router, Firebase, SASS, Styled Components

Mobile friendly e-commerce web app with 'Design A Ring' feature

- Dynamic inventory that updates real-time based on filter / product selection
- Ring and diamond data fetched from Firebase Real Time database through REST API endpoints
- Stripe API integration to simulate checkout process with credit card payments

Lender – React, Redux, React Router, Formik, Yup, Material UI, Firebase, SASS, Styled Components

Dynamic loan application web app

- Dynamic application form with custom Material UI and Formik input fields, using Yup validation schema
- Authentication using Firebase SDK for loan application tracking

PROFESSIONAL EXPERIENCE

Gage Diamonds | Partner, COO | Chicago, IL

2018 – 2020

E-commerce store selling engagement rings, loose diamonds and fine jewelry

- Upgraded and migrated out-of-date Magento 1.8x build to 1.9.4.3 on new PHP 7.2 Nginx servers, while implementing Redis and front-end caching, reducing load page times by 118%
- Managed offshore development team to redesigned checkout process flow and integrate custom Buy Now Pay Later (BNPL) options into checkout and order management systems using RESTful APIs
- Led website architecture redesign, reducing page load times by three seconds and decreasing site-wide bounce rate by 32%

LendFirm | Co-Founder, COO | Chicago, IL

2018 – 2020

Lending platform providing installment payment options to merchant companies at point of sale

- Oversaw end-to-end development and testing of lending platform by managing two development teams in week-long sprints over 6 months
- Top to bottom UI/UX redesign of online loan application interface
- Designed and coded (HTML / CSS) front-end informational Wordpress site
- Custom integration with Magento checkout and order management systems using RESTful APIs

EDUCATION

NORTHWESTERN UNIVERSITY, Chicago, IL - M.B.A, Innovation & Entrepreneurship

2016

UNIVERSITY OF ILLINOIS, Champaign, IL – B.S. in Electrical Engineering

2004