DANIEL CHEN

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

TECHNICAL SKILLS

- **Strong:** Javascript (ES6+), React, HTML5, CSS3, SASS, Bootstrap, Tailwind CSS, Redux, React Router, Material UI, Formik, Yup, MySQL, Adobe Suite (Photoshop, Illustrator, InDesign)
- **Experienced:** Typescript, Node.js, Express, MongoDB, Git, Nginx, Firebase, 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 RESTful 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- Upgraded and migrated out-of-date Magento 1.8x build to 1.9.4.3 on new PHP 7.2 Nginx servers, while implementing Redis and front-end caching, reducing load page times by 200%
- 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
- Designed and coded all landing pages in HTML and CSS
- 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, integration and testing of lending platform by managing two development teams in week-long sprints over a 12 month project
- Top to bottom UI/UX redesign and coding of online loan application portal with HTML, CSS and Javascript
- Designed and coded front-end informational Wordpress site with HTML, CSS, Javascript, and PHP
- Custom integration with Magento checkout and order management systems using RESTful APIs

EDUCATION

UNIVERSITY OF ILLINOIS, Champaign, IL – B.S. in Electrical Engineering   2004