

Jeremy Panelli

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WORK EXPERIENCE

Quicken

Menlo Park, CA

Senior Software Engineer 2

November 2022 - present

- Front-End Web Lead for Quicken for Business and Personal - Responsible for the web architecture, product decisions, and feature development using TypeScript, React, and Redux
- Reports feature - currently leading a full rebuild of our Reports feature to allow users to save, print, export, view charts, and manage their financial lives. Intended to be extremely powerful and to allow users to have excel's pivot table-like properties
- Clients and Projects feature for tracking a user's work and managing client and project details
- Invoicing feature – introduced react-hook-form for efficient form management and integrated Material UI DataGrid Pro for advanced data table functionality to allow users to create and send invoices
- Invoice Payments feature – implemented form that allow users to allocate their payments as payments to one or multiple invoices
- Account Receivable management – update existing transactions view to allow users to fully utilize and manage their accounts receivable
- Business feature – created the business management screen, allowing users to assign transactions to businesses, create multiple businesses, and edit businesses.
- Getting started flow/upgrade flow – rewrote the getting started flow from scratch to include adding a business. Also added additional user tracking for product research.
- Spending Plan Enhancements - led performance optimizations reducing interaction latency from 2 seconds to under 50 ms. Added a robust Jest test suite, orchestrated a cross-team test plan, and directed the technical strategy for this feature.

Senior Software Engineer

November 2021 - November 2022

- Developed primary Simplifi feature, Spending Plan, Simplifi's monthly overview for income, bills, and other spending. This included adding the Planned Spending feature, which allowed users to set aside money they knew they were going to spend, similar to a budget. Updated to include the ability for the user to use Spending Plan for future months
- Technical lead on Watchlist, a filtered report that tracks your spending habit based on categories, tags, or payees that the user selects.
- Upgraded Projected Balances feature to use new logic, handle more data, and be more performant for the user using AmCharts. This involved rewriting the entire feature to allow for multiple accounts to be added by dynamically adding and removing different series based on the data.
- Technical lead on Achievements feature in both mobile and web utilizing web sockets and using React Native and bit.dev code sharing. Feature goal was to add gamification to budgeting and give users badges for hitting their financial goals.

Software Engineer 2

November 2020 - November 2021

- Planned Spending feature that tracks user spending in specific categories using React Redux on web and mobile
- Wrote several key components in mobile leveraging react-native-paper (Amount Field, Button, our Redux dialog system)
- Achievements feature in mobile using React Native and bit.dev code sharing
- Projected Balances feature for predicting future balances based on current financial picture using AmCharts

Software Engineer I

July 2019 - November 2020

- Spending Watchlist feature for tracking spending grouped by categories, tags, or payees using AmCharts and React and calculating Redux data with reselect
- Dashboard feature that shows an aggregate of all other features within Simplifi, specifically implemented several cards and drag and drop
- Updated Spending Plan feature to new design, fixed several issues with it

Siemens PLM

Cypress, CA

Software Engineer intern

August 2018 - May 2019

- Worked with the Data Translation team to develop a method for accurately translating Geometric Data from CATIA V5 to JT files

Cisco

Milpitas, CA

Software Engineer intern

May 2018 - August 2018

- Web development project in Enterprise Data group leveraging Angular and Java Spring to integrate Webex Teams into EDNA website
- Customer Success Summer Showcase project

SKILLS

Technology: JavaScript, ReactJS, React Native, Redux, C++, Java, Axios, Material UI, AmCharts, CSS, HTML, bit.dev, git

EDUCATION

University of Southern California

May 2019

Bachelor of Science, Applied and Computational Mathematics

GPA: 3.75

Minor, Computer Programming

Minor, Cinematic Arts

Specialization, Applied Analytics