

Ernest Tan

Full Stack Developer | Software Engineer

San Francisco, CA | 415-830-7787 | ernesttan96@gmail.com | [GitHub](#) | [LinkedIn](#) | Portfolio

TECHNICAL SKILLS

Frontend: React.js, React Native, Redux, JavaScript, HTML, CSS

Backend: Node.js, Express, SQL, PostgreSQL, Ruby on Rails

Expertise: Algorithms, APIs, Database Storage, Debugging, Deployment, MongoDB

PROJECTS

pleY - React | Redux | Ruby on Rails | JavaScript | PostgreSQL | HTML | CSS | Amazon S3 | Render

[Live](#) | [GitHub Repo](#)

A Yelp clone that empowers users to review and rate businesses

- Architected and launched pleY on Render, offering users full CRUD functionality for reviews, thereby promoting user engagement and business transparency
- Integrated Google Maps API to continuously display business locations, enhancing users' business discovery and selection process by providing real-time location data
- Engineered a comprehensive search functionality, enabling users to locate businesses by name or cuisine type, streamlining user experience and making business discovery more efficient

RendezView - React | Redux | JavaScript | HTML | CSS | Express | Node.js | MongoDB | ChatGPT API

[Live](#) | [GitHub Repo](#)

A robust event planning application that uses OpenAI to suggest and plan events

- Developed and deployed RendezView, a robust event planning web application on Render, leveraging OpenAI to generate event suggestions while managing full CRUD operations for users and events, thereby facilitating seamless event planning and scheduling experiences
- Pioneered an advanced feature for visualizing aggregated schedules using a heat map approach, enhancing user collaboration and event planning efficiency by displaying overlapping time slots, thereby optimizing the event organization process

PokeGuess - Canvas API | JavaScript | Webpack | Babel | HTML5 | CSS3

[Live](#) | [GitHub Repo](#)

An interactive game where users match Pokemon to their silhouettes

- Conceptualized and developed an interactive game, engaging users in matching Pokemon silhouettes with images, leveraging Vanilla JavaScript and Canvas API
- Enabled versatile gameplay by implementing a multi-level difficulty system and time-bound challenges, enhancing user experience and the overall competitive nature of the game

EXPERIENCE

Accounting Associate

Jan 2022 - Feb 2023

Sagent Management

- Streamlined month-end financial close process for four clients, reducing the close timeline from 20 days to 13 days
- Improved audit compliance by 20% through a new vendor setup and W8/W9 documentation request system
- Enhanced cash management by 15% by generating weekly cash reconciliation reports for monthly cash variance analysis

Senior Claims Analyst

Oct 2019 - Jan 2022

Bank of America

- Boosted the efficiency of claim resolutions by effectively managing and analyzing 15-30 complex, escalated consumer cases on a daily basis
- Increased payment process accuracy for complex missing credit claims by 50% using Excel pivot tables

EDUCATION

App Academy, Full Stack Development

Mar 2023 - July 2023

San Jose State University, Bachelor of Science in Accounting

Aug 2015 - May 2019