

Ethan Lam

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SKILLS

Languages

JavaScript, HTML, CSS, TypeScript, Python, SQL

Frameworks

React, Redux, Node.js, Express, Pandas

Tools

Git, Azure, Linux, Jenkins, Docker, PowerBI

PROFESSIONAL EXPERIENCE

Application Developer

Jan 2023 – present

Challenge Manufacturing

- Modernized the company's intranet, creating pixel perfect components with React and styling with CSS
- Leveraged Wordpress as a headless Content Management System to serve as the backend for intranet, enhancing content management efficiency and flexibility
- Created a full stack web application for managing fleet vehicle reservations using React, TypeScript, and MySQL, streamlining the booking process and reducing manual booking errors by 60%
- Integrated HRM and ERP systems with Python and REST APIs to automate 80% of the account provisioning process
- Developed RESTful APIs with Node.js and Express, emphasizing security by implementing role based access
- Published Power BI Dashboards that used REST APIs allowing stakeholders to view and drilldown on realtime data
- Collaborated in an Agile environment to deliver products efficiently in biweekly sprint cycles

Financial Consultant

May 2020 – Jul 2021

Tristate Financial Advisors

- Prospected 300 high net-worth individuals weekly, increasing firm's client base by 10% within 3 months
- Guided clients throughout onboarding process, coordinating with senior partners and investment firms
- Exported 50,000+ leads from ZoomInfo database, leveraging Excel pivot tables to identify prospective clients
- Analyzed client portfolios using Morningstar analysis software to identify opportunities of increased returns
- Compiled client's assets, debt, and tax liability to determine feasibility of achieving retirement goal

PROJECTS

Artify

A full stack clone of Spotify, allowing users to listen to songs, search for media, and create custom playlists

- Created a soundbar component to interact with songs by integrating Redux's state management with React Refs
- Established a Rails backend connection with AWS S3 buckets allowing media upload and retrieval, resulting in an improved page-load performance when interacting with song functions
- Allowed frontend connection with backend routes by creating named API endpoints, allowing users to seamlessly interact with song, album, and playlist components
- Built search bar by filtering state to render tailored content without additional queries to PostgreSQL database
- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing users to only access and make changes to their own playlists when logged in
- Leveraged Rails polymorphic associations, linking artists, albums and songs, to maintain DRY code

EDUCATION

Fullstack Development

2021 – 2022

App Academy

BS Finance

2016 – 2020

Syracuse University