Tommy Chao

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Work Experience

Full Stack Developer

Feb 2022 - Jun 2022

APAR Books

West Covina, CA

- Accounting software designed for general contractors in the construction industry, simplifying dated documentation, payment processes, and overall workflow
- Utilized **Redux** to store user permission states to facilitate complex user environments, streamlining user flow and minimizing room for user errors
- Designed frontend code base, utilizing **React** best practices, emphasizing consistent component structure and folder design for ease of implementing future features
- Designed and documented various HTTP requests via **Postman**, accelerating development time on company's **REST API**
- Developed API endpoints for handling sensitive project information, ranging from overall project cost to affiliated subcontractors involved in projects
- Planned and developed various forms for end users to utilize and customize user permissions, construction project logistics, and sensitive company information

Full Stack Developer

Sep 2021 - Jun 2022

DIR Builders

West Covina, CA

- Online directory web application of all registered DIR general contractors and subcontractors in California with filter-rich searching capabilities to find needed contractors
- Integrated **Algolia's** search API to provide a robust searching experience, increasing user searches by 40% compared to legacy search engine
- Created various API endpoints in **CakePHP** framework for user data ranging from blocked contractors list, favorites list, to saved searches
- Reviewed search analytics to refine search results, increasing user traffic by 50% and user interaction by 70%
- Collaborated with Marketing Specialist to create automated emails that provided curated search results to users on a weekly basis
- Held meetings with targeted users of platform, narrowing potential features to include in future iterations
- Led a team of developers by assigning tasks, discussing requirements, and completing features on a timely basis
- Utilized webhooks to auto deploy updates to production codebase, automating production updates

Front End Developer

Nov 2021 - Feb 2022

Develop For Good - Mission Cure

Alhambra, CA

- Collaborated with UI developers and engineers to develop a mobile application in **React Native** for patients diagnosed with pancreatitis
- Spearheaded developer meetings and tasks, taking initiative in discussions and narrowing high priority tasks to be addressed immediately
- Participated in weekly standups with developers and clients in an Agile framework, documenting requirements for application via **Jira**

Front End Developer

Jan 2021 - May 2021

Nestegg Inc

Fullerton, CA

- Built and deployed a business website with React for a real estate agency
- Deployed Agile approach with client, scheduling reviews and features to implement on a weekly basis
- Leveraged SASS and media queries to enable responsive web application

Education

Bachelor's of Science, Computer Science

Aug 2016 - Aug 2021

California State University, Fullerton

Fullerton, CA

Skills

Languages: JavaScript(TypeScript, Node), HTML, CSS(SASS, LESS, Styled Component), PHP, Python, Dart, C++

Frameworks: React, React Native, ¡Query, CakePHP, Laravel, Django, Flutter