Anchi Teng
SOFTWARE ENGINEER | New York

CONTACT
anchi1009@gmail.com
github.com/AnchiTeng
linkedin.com/in/anchiteng
917-435-6714

SKILLS & TECHNOLOGIES

Strong: JavaScript (ES6+), React.js, Svelte.js, Node.js, Express.js, DOM, HTML, jQuery, CSS, MongoDB, Git
Experienced: TypeScript, Next.js, D3.js, Postgres/MySQL, Websockets, Redux, Webpack, Containers and Docker, Content UI, Figma

EXPERIENCE

Array | Frontend Software Engineer 2   2022
- Developed engaging consumer-facing modular interfaces for financial clients using React to Svelte, TypeScript, and CSS for easy-to-implement and seamless integration into clients websites and mobile apps.
- Engaged in cross-functional collaboration with a UI/UX team to create, iterate, and deploy applications for high-traffic websites based on wireframes and visual mockups.
- Implemented CSS variable theming approach to reduce the repetitions in CSS and empower the runtime effects among style features.
- Optimized performance and scalability of service by identifying inefficiencies through code review, debugging and design analysis, and providing solutions to developers and UX design team.
- Work in a 10-person agile software development team to complete various epics through Shortcuts in a startup environment.

SvelteSlicer | Software Engineer   2021 - Present
- Developed an interactive time travel debugging tool for Svelte applications that captures real-time data to store, display and retrieve, allowing users to inspect the state changes and travel back in time to a previous application state.
- Leveraged Svelte algorithm to traverse the instance of script AST(abstract syntax trees) and collected the data into dynamic representations of file structure and state extending devtool support to users' applications in a collaborative and agile development team focusing on building performant and user-oriented open source dev tools.
- Utilized D3.js for inspected data visualization, enhancing the dynamic capabilities of our data graph with node-tree and circle-pack layouts featuring expand, collapse, display props, and data and enabling it to update when new data comes in.
- Established a persistent data bridge between the user's application and the developer tool through background scripts and Chrome browser content scripts in order to listen for events and component-level updates.
- Product developed under tech accelerators OSLabs(opensourcelabs.io).

Freelance & Open Source

Find Mentors | Technical skills mentor and mentee partnering and interaction platform.   2021 - 2022
- Designed and developed real-time chatroom with WebSockets to provide bi-directional communication and a full-duplex and low-latency channel between the server and the browser.
- Utilized non-relational database MongoDB to handle and store clients' data and communication history among multiple users for low latency and faster performance.
- Improved upon existing REST endpoints and middleware using Express in Node.js in order to execute functionality for group chats by efficiently verifying user login and group chat status while gathering group chat metadata using document data model, facilitating real-time interaction and communication between users.

Video Journal | Video management app   2020 - 2021
- Implement React Hooks to write cleaner code by incorporating state changes to improve state flow and reducing DOM re-renders by mapping variables in the fewest amount of components and also maintaining stateful logic between components to make it easier to refactor, reuse when the application grows.
- Utilized Express/Node to architect a back-end structure consisting of customized modular middleware to handle asynchronous data flow between use and server efficiently.

PUBLIC TALK **Svelte-Front End Framework Alternatives** @Singlesprout Speaker Series	EDUCATION **National Taipei University of the Arts**	MA **Codesmith NY**	Software Engineering Residency	LinkedIn Skill Badge **HTML**