

Aaron Chen

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TECHNICAL SKILLS

- Technologies: React, NodeJS/Express, Git, Prisma, SQL/NoSQL Database, NextJs, Redux Toolkits, Webpack, Tailwind, RESTful APIs, Babel, Testing (Jest, Supertest, React-Testing-Library), Angular, Docker, AWS, Vercel
- Languages: JavaScript, TypeScript, HTML5/CSS/Sass, Python, C

EXPERIENCE

AngoraForms

Mar 2023 - Aug 2023

Software Engineer

- Designed an NPM Package utilizing Babel and ASTs, enhancing Angular code's readability by abstracting code until compile time, allowing for faster code production.
- Facilitated iterative development processes as Scrum leader for Agile team by organizing daily standup and prioritizing team feedback, resulting in increase of overall project efficiency.
- Architected a full stack system using Next.js, ensuring performance, organic traffic, and visibility by using techniques such as server-side rendering, automatic code splitting, and lazy loading.
- Implemented JEST as the primary testing framework for NPM package, enhancing codebase maintainability through automated testing allowing easier product update for developers.
- Integrated Docker to deploy and containerize the GUI web application to ensure developers focus more on building and testing applications rather than managing complex dependencies and environments.
- Introduced GitHub Actions to create CI/CD pipeline, leading to automatic building, testing, and deploying and enabling faster continuous update of the product.
- Open-Source Product under OS-Labs

BoyOhboy Co

Oct 2021 - Feb 2023

Web Developer

- Incorporated React and Redux to create an optimized and responsive ecommerce page whilst collaborating with the founder, resulting in 25% increase in mobile conversion and reduced cart abandonment rates by 15%.
- Used PostgreSQL to store relational data and utilize Multiversion Concurrency Control to allow high performance through simultaneous reads and writes.
- Streamlined website migration to Shopify, enabling non-technical personnel to independently modify content, products, and design through the platform, resulting in improved content management efficiency.

Ideon

Jul 2022 – Dec 2022

Data Administrator

- Boosted data acquisition rate by over 10% by using advanced Excel and custom-made parsers to improve automation of updating API with currently relevant information.
- Utilized the Jira platform to create and assign tickets for data review following the company's Agile methodology and collaborated with QA Engineers and Data Coordinators to ensure the successful creation of data points.

NYU Langone

May 2019 – July 2019

Engineering Intern

- Created a GUI using Electron for an in-house labeling tool, simplifying data labeling and reducing the ramp up time for engineers and researchers by 20%.
- Continued development of Cross-Safe, a computer vision-based assistive technology, by increasing data quality and producing more accurate and reliable AI-based solutions by 15%.

EDUCATION

Hunter College

B.A, Biochemistry, Minor Sociology

- Summa Cum Laude, Jenny Scholar, Thomas Hunter Honor

GPA: 3.93

TALKS AND PUBLICATIONS

- Tech Talk | UX Best Practices

2023