TONY CHEN

Software Engineer

CONTACT DETAILS

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SUMMARY

I am a software engineer who's passionate about writing innovative, performant, and readable code. I love learning new technologies and finding ways to improve my craft.

SKILL

- Javascript / Typescript
- React / Next.JS / Remix
- Node.js / Express / GraphQL
- Go / Gin / gRPC

ACADEMIC BACKGROUND

Pace University
MS Computer Science | Graduated Dec 2017

Stony Brook University
BS Biology | Graduated May 2012

PROFESSIONAL CAREER

Senior Software Engineer

Bluecore | Jan 2022-present

- Spearheaded the frontend development initiative for the innovative SMS marketing product, Tap-to-Join, currently under US Patent Pending 10170US review.
- Orchestrated the implementation of a Time to Interactive (TTI) alerting system utilizing Datadog, PagerDuty, and Slack, strategically fortifying the platform for the demands of Black Friday and Cyber Monday.
- Played a pivotal role in the seamless transition from React.js to Next.js, enhancing the efficiency and performance of the web application.
- Contributed significantly to the migration of Python monolith services to Go-based microservices, optimizing system scalability and maintainability using technologies like Go and GRPC.
- Worked closely with the UI/UX team to enhance and create new React components within the organization's component library, utilizing Storybook UI for streamlined development and maintenance

Senior Software Engineer; Frontend

Dv01 | March 2019-Jan 2022

- Lead frontend engineer on a greenfield project called Tape Cracker, a data wrangling tool, utilizing React, Redux, GraphQL, and Typescript
- Developed multiple features such as a text editor that allows clients to use Dv01's in-house scripting language.
- Implemented third party libraries such Ag-grid and High Charts which increased the platform's data visualization rendering times by 40-50%
- Composed frontend unit & component tests which resulted in an increase in test coverage by 30% using Jest and React Testing Library
- Mentored 4 FE engineers on best coding practices, technical documentation, and handling tech debts which resulted in a 50% to 75% decrease in tech debts

Software Engineer

Noble Markets | Sept 2017-Oct 2018

- Developed a KYC application utilizing a MEAN stack; Mongo, Express, Angular, Node.js; which resulted in a 2x increase in 2x operational efficiency to onboard clients
- Architected the migration of the core application from Angular.js to Angular 6 which decreased compilation time and package size by 20% to 30%
- Designed and implemented RSA encryption and signature verification to allow for clients to consume Noble's Markets external API
- Built prototype for Custody of Cryptocurrency, which allowed clients to deposit/withdraw to/from an external third-party wallet account through our application

LEADERSHIP

Student Facilitator - Applied CS with Android

Google | Oct 2016-Dec 2016

- Facilitated in delivering weekly workshops on campus, in which students develop 6 games in Android, implementing concepts such as BST, Binary Search, HashMaps, Stacks, and Queues data structures and algorithms.