

Arthur Vannakittikun

Software Engineer

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SKILLS

Languages: Javascript, Typescript, Java, Python, HTML, CSS3 (SCSS/SASS)

Frameworks: React.js, React Query, React-Router, Redux-Saga, React Testing Library, Express.js, Node.js, Axios, Storybook.js, Jest, Enzyme

Databases: MySQL

Other: Git, GitHub, CI/CD Tools (GitLab), Jira, Smoke Testing, RESTful APIs, Figma, styled-components

EXPERIENCE

B-Stock Solutions - Software Engineer Intern

June 2022 - August 2022

- Front-end Tech Stack: **Javascript, TypeScript, Node.js, React.js, Redux-Saga, styled-components**
- Collaborated in a POC project development team of all different departments (Product, Marketing/Sales, Engineering) to create a web-based Phone Trade-in Application as a Front-end Engineer.
- Eliminated 10% of remaining prioritized front-end bugs during the team's QA bug-squashing sprint phase.

B-Stock Solutions - Software Engineer Intern

June 2021 - August 2021

- Front-end Tech Stack: **Javascript, Node.js, React.js, Storybook.js, styled-components**
- Learned **React.js** fundamentals, created/revamped front-end components with **React.js, Storybook.js**, and developed unit tests using **Jest** and **react-testing-library**, increasing code test coverage of the application by 20% to reach the goal of 90% front-end coverage.
- During a team stand-up meeting, introduced MSW (Mock Service Worker), which after incorporating the library into testing practices, increased the team's developer productivity by 17%.

PROJECTS

Gatormedia: Multi-Media File Sharing Application

December 2022

Project Link: <http://ec2-50-18-97-37.us-west-1.compute.amazonaws.com/>

- Tech Stack: **Amazon EC2 & MySQL, Node.js, Express.js, React.js (React Query, React-Router), styled-components**
- Coordinated a team of six as the front-end lead to design and develop a UX friendly file upload/share application designed for San Francisco State University students and faculty.
- Influenced the team to adopt AGILE and SCRUM project management methodology by organizing a ticket system with Trello Board, which improved development's efficiency by 20%.
- Facilitated the speed of development by coaching team members who had difficulties with React.js or Git version control system by offering pair programming sessions.
- Reinforced comprehension of basic REST API structural design and API fetch calling with axios HTTP GET/POST methods.

B-Stock Phone Trade-in Application

August 2022

- Front-end Tech Stack: **Node.js, Express.js, React.js, styled-components**
- Developed the front-end of a phone trade-in application which allows users to enter phone details and get back an estimated phone grade and price using Google Analytics.
- Constructed a fully functional front-end product within the team's goal time frame of a summer semester.

RapidHealth (SF Hacks Award For Best Use Of Notivize API)

March 2021

Project Link: <https://devpost.com/software/sf-hacks-team>

- Tech Stack: **Google Cloud, Javascript, Node.js, Express.js, HTML, CSS**
- During **SF Hacks 2021: Life Hacks**, Led the front-end team to design a UI/UX friendly web-application with an email notification API (Notivize API).
- Built and designed the front-end of an award winning application that solves a world-wide health related issue, during SF Hacks 2021: Life Hacks, alongside four other team members during a span of 2 days.
- Utilized Figma to conceptualize a UI/UX friendly design in under a day.
- Took charge of the front-end under major time-constraints, which saved up development time for the rest of the team to debug any backend API associated hiccups with email notifications.

EDUCATION

Graduated December 2022 (New Graduate)

San Francisco State University - B.S. Computer Science