

# Arthur Vannakittikun

Software Engineer

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**Portfolio:** <https://avannak.github.io/>  
**GitHub:** avannak  
**Youtube:** <https://www.youtube.com/arthurvmusic>

## SKILLS

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

**Frameworks:** React.js, React Query, Express.js, Node.js, Axios, Storybook.js, Jest, Enzyme, React Testing Library

**Databases:** MySQL

**Other:** Git, GitHub, GitLab, Jira, RESTful APIs, Figma, styled-components

## EXPERIENCE

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**B-Stock Solutions** - Software Engineer Intern

June 2022 - August 2022

- Front-end Tech Stack: **Javascript, TypeScript, Node.js, React.js, 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, 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

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**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, 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

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Graduated December 2022 (New Graduate)

**San Francisco State University** - B.S. Computer Science