

Arthur Vannakittikun

Software Engineer

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ABOUT

I am a passionate artist with many creative outlets. From drawing and animation, to singing, song-writing, and producing, I seek to extend my imagination into software engineering. I am looking to utilize my creative problem solving skills through writing high quality code.

SKILLS

Languages: Javascript, Typescript, Java, HTML/CSS

Frameworks and Tools: React.js, Express.js, Node.js, Storybook.js, Jest, React Testing Library

Other: Git, GitHub, GitLab, Figma, Adobe Photoshop, Adobe Animate, Logic Pro X

Self-Producer, Singer, Song-writer, and Artist

Soundcloud: <https://soundcloud.com/arthurvofficial>

Youtube: <https://www.youtube.com/arthurvmusic>

WORK EXPERIENCE

B-Stock Solutions - Software Engineer Intern

June 2021 - August 2021, June 2022 - August 2022

- Worked as a Software Engineer Intern at B-Stock Solutions during a summer internship, and created the front-end of a phone trade-in application.
- Learned how to use AGILE and SCRUM Software Development tools, including Jira and GitLab to collaborate with team members using ticket systems.
- Quickly squashed front-end bugs to support the team's development during sprint phases.
- Cooperated with Back-end team and worked with REST APIs, which include API documentation tools such as Swagger.io.
- Learned the fundamentals of Git and merge request branch handling for efficient codebase file management and version control.
- Established team bonding and social collaboration skills operating alongside other fellow summer intern team-mates.
- Teamed up with Business Operations, Product Managers, UI/UX Product Designers, and Software Engineers to discuss company statistics and new features.
- Developed unit tests for front-end components using React.js, JavaScript, and Jest/Enzyme test coverage.
- Acquired knowledge of mocking React components using the React Testing Library.
- Constructed front-end components, including newly revamped icon buttons, bell notifications, and navigation bars into the front-end using team's UI/UX Designer's blueprints created from Figma. Tools used to create front-end components include: JavaScript/TypeScript, Styled components, Figma, and Storybook.js.
- Introduced the mocking service library, Mock Service Worker (MSW) to the whole front-end team during a company meeting to improve debugging practices used in the codebase.
- Presented all contributions, advancements and breakthroughs to the entire company at the end of the intern program.

PROJECTS

Gatormedia: Multi-Media File Sharing Application

Dec 2022

- Worked in a team of six as the front-end lead to develop a UX friendly file upload/share application designed for San Francisco State University students and faculty.
- Developed personas/use cases for application, and designed wireframe prototype flows using Figma.
- Learned AGILE and SCRUM software development and decisive planning skills using Xtreme Programming principles.
- Using Trello Board, organized a ticket system for AGILE software development to assist team members to work towards milestones.
- Taught fellow team members Git version control system.
- Cooperated with the back-end team lead to develop the front-end of the application using Amazon EC2 & MySQL, Express.js, React.js, Node.js stack.
- Constructed front-end React.js JSX components using styled-components.
- Integrated REST APIs into the front-end application, added login/register feature.
- Added user support for uploading multiple media format types for the front-end.
- Using Formik and Yup validation, created login and register forms with secure validation.
- Implemented a inbox messaging system into the front-end.

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

B-Stock Phone Trade-in Application

August 2022

- Worked as a software engineer intern at B-Stock Solutions during a summer internship, and created the front-end of a phone trade-in application.
- Cooperated alongside summer team mates from all departments: including Product, Marketing/Sales, and Engineering team.
- Developed an application which allows you to enter details about your phone and get back an estimated phone grade and price.

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

March 2021

- 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 three days.

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

Music Website

November 2019

- Constructed a song selection playlist that shows different visual transitions and special effects on-screen determined by the song choice. Made using JS, HTML/CSS, JQuery, and HTML5 audio player, (self-recorded vocals/production done with Logic Pro X).

Project Link: <https://musicplayer.herokuapp.com/>

EDUCATION

San Francisco State University - B.S. Computer Science

Graduated Fall of 2022, (New Graduate)

Classes Taken:

- Intro To Computer Programming/Java, Data Structures, Discrete Mathematics, Programming Methodology, Natural Language Technologies, Software Development, Software Engineering