

# SJ Triffon

## Lead Front-end Engineer

Previously a UX Designer

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💻 <https://portfolio.sjcoded.com>

🌐 <https://linkedin.com/in/sj-triffon>

### 💡 TECHNICAL SKILLS

#### Languages & Frameworks

Next.js, React, TypeScript (JavaScript), Angular, Ionic, Svelte, Three.js, WebGL, Shopify, Liquid, Node.js, Python

#### Databases, API's & CMS's

PlanetScale, GraphQL, Apollo, MySQL, Postgres, MongoDB, Flask (Python), Hygraph, Sanity, Contentful

#### Platforms, Testing & CI/CD

AWS, Google Cloud, Azure, DevOps, GitLab, GitHub Actions, CircleCI, Checkmarx, Jest, Vitest, Playwright, Mock Service Worker, Storybook

#### Design, CSS & Animation

Figma, Adobe Suite, Webflow, Shopify, TailwindCSS, MaterialUI, Bootstrap, Styled-components, Sass (SCSS), Anime.js, GSAP, React-Motion

#### Tools & Methodologies

Atlassian Suite, Azure's DevOps suite, Agile/Scrum principles vs. Waterfall, Test-driven-development (TDD)



My Portfolio

<https://portfolio.sjcoded.com>

## Full-Stack Engineer

03/2023 - Present

Melbourne, VIC, Australia

- Led the front-end of a large greenfield government project working in an agile, multi-disciplinary team with professionals across design, data, front-end, back-end, enablement and client-services.
- Spearheaded the creation of a robust component library, overseeing the review and integration of new components.
- Orchestrated comprehensive documentation, pull requests (PRs), using continuous integration/continuous deployment (CI/CD) processes through DevOps.
- Collaborated closely with designers to review and refine challenging designs, fostering a synergy between design and development teams.
- Handled onboarding new developers and introducing the robust patterns we've used throughout the application.
- Designed testing processes and created tests using Vitest for unit tests and Playwright for End-to-End testing.

📄 Next.js ⚛️ React ⚙️ Typescript 📖 Storybook 🏠 Node.js

🌀 TailwindCSS 📐 GraphQL ☁️ Azure DevOps 🎭 Playwright

## Lead Front-end Engineer

03/2022 - 01/2023 Remote

- Played a pivotal role in a lean team of 4 developers encompassing both front-end and back-end, innovating together on a greenfield, cross-platform Fin-tech app.
- Developed a comprehensive and fully-extensible component library, ensuring each component is isolated and viewable using Storybook. This initiative promoted modularity and reusability across the application.
- Specialised in animating key hero moments, contributing to an engaging and visually appealing user interface throughout the app.
- Facilitated cross-functional collaboration with the back-end team to seamlessly integrate and deploy advanced financial features, including Buy Now Pay Later (BNPL) functionality and supplementary credit features.

📄 Angular 🍬 Ionic ⚙️ Typescript ⚡ Capacitor

🎨 Sass (SCSS) 📖 Storybook 🏠 Atlassian (Jira, BitBucket, etc...)

Digital Creative Agency

**R/GA**

Known for work with:

🏎️ TOYOTA

Google

"Designing for a more human future"

<https://rga.com/>



Required Australian Security Clearance

Digital Creative Agency

**HERO**

Known for work with:

"Australia's leading independent creative agency"

<https://www.thehero.co/>



Deployed a Cross-Platform Mobile App

## 🗨️ LANGUAGES

### English

Native Proficiency

### Hebrew

Bilingual Proficiency

### Japanese

Conversational Proficiency

## 🎓 EDUCATION

### RMIT

Bachelor of Engineering -  
Aerospace Engineering  
2020

Royal Melbourne Institute of Technology

Website: <https://www.rmit.edu.au/>

## ★ SPECIALITY

### Design x Dev

“I specialize in the interface between design and development, quickly identifying complex designs and seamlessly collaborating with designers to reduce development effort.”

### Animation

“My expertise lies in crafting a spectrum of animations, ranging from subtle micro-animations to stunning 3D hero moments.”

## WORK EXPERIENCE

### Front-end Engineer

12/2021 - 03/2022 Remote

- Worked independently as the sole developer on a high-impact landing page for an educational app, collaborating closely with a designer to bring the vision to life.
- Utilized a tech stack consisting of Next.js, React, Vercel, and GitHub, ensuring a modern and efficient development process.
- Elevated the user experience by animating key hero moments, implementing carousels, scroll animations, and utilizing GSAP for seamless and captivating visuals.
- Demonstrated precision and attention to detail by recreating pixel-perfect designs using React and Next.js, maintaining design integrity throughout the development process.
- Implemented localization features using Contentful CMS, allowing the display of different content based on the chosen localization.
- Successfully navigated and delivered the project within a tight deadline, showcasing effective time management and prioritization skills.



Next.js



React



Vercel



GitHub



GSAP



Contentful CMS



TailwindCSS

Digital Creative Agency

HERO

Client:



THRIVE  
BY FIVE

<https://thrivebyfive.com>

### Full-stack Engineer

09/2021 - 12/2021 Remote

- Collaborated in a small team of 4 developers to create a Chrome extension for an educational startup, leveraging React, MongoDB, Express.js, and Node.js to deliver a robust and feature-rich solution.
- Injected a React App seamlessly within pages on YouTube, enhancing user experience by adding features such as Question & Answers directly within the platform.
- Implemented End-to-End testing using Selenium, ensuring the app's functionality across multiple browsers and providing live testing capabilities.
- Took a leading role in designing and implementing the database schema and APIs, utilizing MongoDB and Express.js. Hosted the application on Heroku for scalability and efficiency.
- Integrated Firebase for analytics, allowing for comprehensive insights into user behavior and interaction patterns.
- Implemented Google OAuth for authentication, ensuring secure and streamlined access for users.



React



Google OAuth



Firebase



Heroku



MongoDB



Express.js



Node.js



Chrome Extension



Selenium



Jest

Ed-tech startup



ScholarMode

Innovating on:



YouTube

“YouTube designed for learning”



Published a Chrome-  
Extension

## SIDE PROJECTS

### Vyfrost (Indie Game Studio)

I also make video-games during my spare time with a small, three-member team comprising an artist, musician, and myself as the lead game developer.

We often pursue Game Jams, competitions where game developers compete on who can make the best game over a weekend.

2022 - Present

Website: <https://vyfrost.com>

### Spitfire

Developed a retro cozy puzzle game for LowRezJam 2023, securing 6th place out of 300+ entries.

Overcoming challenges within the confines of a maximum 64x64 pixel-ratio, our team navigated the limitations with ingenuity and precision.

Notably, we successfully crafted a narrative devoid of words, opting to teach players the mechanics organically through gameplay, thereby enhancing the immersive and intuitive nature of the gaming experience.

08 / 2023

Website: <https://vyfrost.itch.io/spitfire>



Vyfrost's Games

<https://vyfrost.com>

## WORK EXPERIENCE

### Full-stack Engineer

03/2021 - 09/2021 Remote

- Enhanced front-end functionality by integrating back-end features into pages and components, extending APIs, and retrieving data from databases and content management systems (CMS).
- Introduced server-side rendering and other optimization techniques to improve the performance and user experience of web applications for startup clients.

Freelancer



Industries worked in:

- Ed-tech
- Fin-tech
- eCommerce
- Game Development

 Next.js  React  GitHub  HTML  CSS





 JavaScript  Node.js  MongoDB  Express.js

 GraphQL  Python  Liquid (Template Language)

### Front-end Engineer

11/2019 - 03/2021 Remote

- Developed custom Shopify themes utilizing Liquid, providing unique and tailored visual experiences for eCommerce shops.
- Created and implemented components using React.js, HTML, CSS, and JavaScript, ensuring responsive and user-friendly interfaces for both eCommerce and startup websites.
- Utilized CSS libraries such as Bootstrap to streamline and enhance the development process, maintaining consistency and efficiency.

 React  GitHub  Liquid (Template Language)  HTML

 CSS  JavaScript  Bootstrap  Material UI

### UX Designer

01/2019 - 09/2021 Remote

- Designed low-fidelity to high-fidelity mockups tailored for eCommerce pages, ensuring seamless integration with platforms like Shopify.
- Developed comprehensive Information Architecture diagrams, contributing to the creation of intuitive and user-friendly navigation systems.
- Established and maintained component libraries, ensuring consistency and efficiency in design across applications.
- Applied data-driven approaches, such as A/B testing, website heatmaps, and user surveys, to analyze and optimize user flows for enhanced user experience.
- Collaborated with clients to understand their business goals and user needs, translating insights into effective design solutions.

 Figma  After Effects  Shopify  Webflow  HotJar