



SJ Triffon

Lead Front-end Engineer

Previously a UX Designer

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Full-Stack Engineer

03/2023 - Present

Melbourne, VIC, Australia

Digital Creative Agency



Known for work with:



"Designing for a more human future"

<https://rga.com/>



Required Australian Security Clearance

💡 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

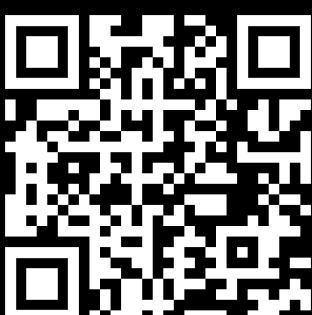
AWS, Google Cloud, Azure, DevOps, GitLab, GitHub Actions, CircleCI, Checkmarx, Jest, Vitest, Playwright, Mock Service Worker, Storybook

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>

Lead Front-end Engineer

03/2022 - 01/2023 Remote

Digital Creative Agency



Known for work with:



"Australia's leading independent creative agency"

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



Deployed a Cross-Platform Mobile App

Angular Ionic TypeScript Capacitor

Sass SCSS Storybook Atlassian (Jira, BitBucket, etc...)

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

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

Digital Creative Agency



Client:



<https://thrivebyfive.com>

Ed-tech startup



Innovating on:



"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