TANG CHEE HWA

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SUMMARY

A Food Technologist with 5 years of industry experience specializes in customized food coloring solutions for new product development. Strong analytical skills and a keen attention to detail enable the consistent delivery of tailored solutions to clients, resulting in business growth. With a mission to build a better future, enrolled in the Le Wagon web development bootcamp to acquire skills in building apps that improve lives. Passionate about collaborating in teams to create web apps that deliver value to others.

PROJECT

SoundState - Github

- A progressive web application that smart-generate music playlist based on user's mood, curated from their favorite songs in Spotify and harnessing the capabilities of AI to generate an image that visually embodies the playlist.
- Integrated with OpenAI's GPT-3.5 and Dall-E 2 models to generate image from playlist, incorporated Spotify OAuth 2.0 for user login, setup background jobs to sync database with Spotify, and implemented UI/UX elements (carousel, double range slider).
- Tech Stack: Ruby on Rails, JavaScript, Stimulus JS, PostgreSQL, Spotify API, OpenAI API, Heroku, Wireframing with Figma, RSpec.

Github Readme Daily Quotes - Github

- A widget for Github Profiles for daily inspirational quotes, fully customizable with themes and font, and myriad quote categories.
- Using Vercel's serverless function to render an SVG card with daily quotes, integrations with quote APIs.
- Tech Stack: TypeScript, Vercel Serverless Function, Testing with Jest, Quote APIs integration, ESLint code analysis, Prettier formatting.

WORK EXPERIENCE

GNT Singapore Pte. Ltd.

Senior Food Technologist   **Jun21 – May22**

- Developed and implemented all-natural coloring foods solutions that replaced artificial colors and additive colors in the APAC region for companies such as Nestle and Brands Suntory.
- Won projects and product launches in Malaysia, Thailand, China, and ANZ, thus resulting in a 30% increase in sales.
- Led training programs for customers and distributors, educating them on the application of coloring foods, resulting in better customer communication and increased sales for the distributors.

Food Technologist   **Jun18 – Jun21**

- Developed visually appealing and marketable product concepts which were presented at exhibitions in Thailand, Indonesia and China, resulting in the acquisition of 200 new leads in each country.
- Collaborated within a cross-functional team, including sales and marketing, to plan for exhibitions and customer visits.

iBrewery International Pte. Ltd.

Food Technologist   **Sep17 – May18**

- Led the launch of the instant beer capsule, overseeing pilot trials, designing packaging, and conducting accelerated shelf life studies.
- Developed 3 new flavor formulations for emerging market segment, resulted in their successful advancement to pilot trials.

EDUCATION

Le Wagon Singapore   **Jan 23 – Mar 23**

- Certificate in Web Development

National University of Singapore (NUS)   **Aug 13 – Jul 17**

- Bachelor of Applied Science with Honours (Distinction) in Food Science and Technology
- Awarded ASEAN Undergraduate Scholarship

LANGUAGES

- English (Business), Mandarin (Native), Malay (Intermediate)

TECH SKILLS

- Ruby, JavaScript, TypeScript, Java
- HTML5, CSS3, JavaScript ES6, Tailwind CSS, Figma
- Ruby on Rails, Node.js (In-Progress) , React, SQL, PostgreSQL
- Git, Github, Heroku, Vercel
- Agile Methodology with Kanban, Testing with Jest & RSpec