Tylor Le

https://www.linkedin.com/in/tib-designer/ **(LinkedIn) -** https://tibsigner.com/ **(Portfolio)**

MELBOURNE, AUS | +61 432 461 386 | TYLLORR.LE@GMAIL.COM

Technical Skills & Competencies

- Effectively developing user interfaces with accessibility, interactivity, and functionality through the implementation of Frontend technologies: **HTML**, **CSS**, **JavaScript**, **TypeScript**, and **Bootstrap**
- Undertake scalable applications through the utilization of JavaScript Frameworks / Libraries: **ReactJS**, **Vue.js**, and **Vite**
- Capabilities in using Backend technologies for creating Database, Data handling, Data modeling, and utilizing external API resources: **PHP**, **RESTful APIs**, and **MariaDB**
- Conduct data analysis and data visualization projects from established datasets through a combination of software and relevant technologies: **R**, **Python**, **RStudio**, **D3.js**, and **KNIME**
- Able to use OOP principles for complex software algorithms include writing unit tests through various languages and frameworks: **JavaScript**, **C#**, **Python**, **.NET**, and **NUnit**

Education

Bachelor of Information and Communication Technology   **February 2024 – December 2025**

Swinburne University of Technology

Melbourne, Australia

Major: Software Technology

Grade Point Average (GPA): 3/4

Employability Award: Career Development stream

Professional Experience

WhereToSpot - Frontend Developer Intern   **January 2025 – March 2025**

Remote

Project completed: WhereToSpot React website

Technologies Used: ReactJS, TypeScript

- Built a scalable and maintainable **system component** in **React.js**, enabling dynamic UI component customization based on context, improving development efficiency by 40%
- Configured an automated **deployment pipeline** using **GitHub** and **Cloudflare**, enabling seamless deployment and reducing update time by over 15%
- Implemented **pyramid-style navigation** with **React Router**, delivering personalized experiences by dynamically rendering content by category, leading to a 30% increase in user engagement
- Implemented **Media Queries** to **tsx files** for responsiveness, optimizing user experience across user devices using breakpoints: 1440px, 1024px, 640px, and 360px

TechVSI - Full Time UI/UX Designer   **February 2022 – April 2022**

Ho Chi Minh, Vietnam

- **Documented materials** such as concepts, wireframes, prototypes, user flows, style guides, etc. for Handoff; increasing productivity by 50% for the implementation in coding

- Converted all elements, components and rules for **design system / Brand guidelines** to make Auto layouts for **multi-platform responsive Web design**, increasing 40% productivity for iterations and making **perfect-pixel designs**
- Led **task organization** based on cross-functional team input and **project timelines**, streamlining workflows and enabling sprint completion rates to exceed targets at least 15% across all assigned projects

Project completed: Techcombank

Technologies Used: ReactJS, NextJS, Figma

- Analyzed existing codebase and collaborated with the engineering team to translate **styled components** from **ReactJS** to **Figma**, establishing a **design system** and reducing design iteration steps by over 50, significantly improving the design-development workflow
- Researched about form pages from the old Techcombank website plus consulted with Developer team for requirements in established codebase and then made decisions for the new design, minimizing **24 user-flows into 4 layouts**, improving UX and workflow

Other Experiences

ALH Group - Casual Gaming Attendant   **June 2022 – Present**

Melbourne, Australia

- Maintained **professional attitudes** while providing offers based on context when customers really need, led to an increase of 20% in **sales** and **service registrations** such as Monty's Rewards, and/or pub+ at ALH Hotels
- Resolved **technical issues** in registration procedure of membership plus explained to customers and provided further details, increased by 35% in **customer loyalty**

TPT Group - Startup UI/UX Designer & Developer   **March 2020 – September 2021**

Melbourne, Australia

Project completed: Getfromyt

Technologies Used: ReactJS, TypeScript, Figma

- Analyzed **1000+ responses** from the conducted **user survey**, opening conversations with engineers to identify for the next feature and its requirements
- Maintained and updated **React styled components** in **tsx files**, leading to scalable / artistic assets and high performance in coding
- Redesigned a deployed tool after identifying key weaknesses through **competitive analysis** and **codebase review**, resolving performance issues and potential bugs, resulting in a 900% increase in website traffic
- Conducted **Usability Testing** through the implement of Hotjar plus reviewed the established codebase and network architecture, making data-driven decisions to redesign key user-flows, increasing experience and decreasing **server cost** by 20%

Relevant Projects

Swinburne Online Shop - Full Stack Developer

Technologies Used: Bootstrap, Vue.js, Vite, PHP, MariaDB

- Called and manipulated data from an external **REST API** by utilizing **GET HTTP method** and **Vue.js functions**, developing a product list with filtering and scanning features
- Utilized **fetch() function** to make **HTTP requests** to PHP files as **API endpoints**, processing back-end logics to manipulate data from **MariaDB** for user interactions in social features
- Implemented **Vue.js** to develop **reusable JavaScript components**, establishing a scalable application with e-commerce purpose

- Created a login system with **encryption** and the use of **localStorage** for checking user login status, developing customized user views based on login status and credentials

AI wireframe generator chatbot - Software Developer

Technologies Used: Python, JavaScript, OpenAI, NUnit, .NET

- Built a web-based application integrating **Google Gemini APIs**, enabling users to call their own APIs with custom prompts and preview AI-generated wireframes, resulting in a 40% improvement in the prototyping process
- Designed and executed **15+ NUnit test cases** to validate output quality against standardized criteria, achieving 100% output accuracy in code format and 80% code coverage

SwinAdventure - Software Developer

Technologies Used: C#, NUnit, .NET

- Developed a survival game with interactive object items, enabling characters to move, look, and manage inventory, improving **gameplay experience** and realism by 40%
- Utilized **NUnit Framework** to create and run **25+ unit tests**, increasing code coverage to over 70% and significantly reducing bugs during gameplay logic implementation

Road Safety - Data Analyst

Technologies Used: KNIME, D3.js, Figma

- Analyzed **5017 data records** through a strategic process from cleaning to transforming, establishing an initial version of prototype to present the outcome with assumptions and gathering feedback for iterations
- Implemented **D3** and associated methods for **data visualization**, creating interactions, and responsive charts, finalizing a **data dashboard** with custom view features and accessibility for all user devices through web browsers

Bank marketing - Data analyst

Technologies Used: R, RStudio

- Analyzed **over 4500 records** and **17 input variables** related to customer demographics, contact information, campaign details, and earlier interactions, leading to recognition of imbalance in dataset distributed factors and the use of **createDataPartition** function for splitting distribution of classes equally in sampling data
- Found **nnet** and **NeuralNetTools** package, minimizing size of **Artificial Neural Network** model and its visualization while maintaining **89.2% accuracy**

Professional Development

- Earned **Udacity** certified **user experience design** accreditation
- Completed **Efficient Learning** online certification through **ZTM**, enhancing self-learning ability
- Conducted several projects for practical **prompt engineering** concepts gained from **Generative AI for Software Developers Specialization** taught by IBM
- Gained technical knowledge through a strategic **self-learning** process, which utilizes resources in **Udemy** and **Coursera**