

# TAO BIAN (Fred)

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Portfolio: <https://github.com/Fredbian> <https://fredbian.github.io/FredBian-React-Portfolio/#portfolio>

## TECHNICAL SKILLS

JavaScript ES6+, TypeScript, CSS3, HTML5, SQL, NoSQL, GitHub, RESTful API, Express, Node.js, React, React Native, GraphQL, AWS, Tailwind CSS

## SOFT SKILLS

Teamwork, Communication, Problem-solving, Self-learning, Creativity, Adaptability, Time management, Patience, Humility, Collaboration, Self-Motivation

## EXPERIENCE

### Smartsys Technology Pty Ltd – Full Stack Developer

Aug/2023-Present

#### ➤ Job Summary:

- Build web and mobile applications with software development best practices
- Work with designer to transform app designs into code with cutting-edge technology
- Work with other developers to integrate UI components with APIs and databases
- Gather and refine specifications and requirements based on technical requirements or UX design
- Debug errors, troubleshoot issues, and perform routine performance optimizations

#### ➤ Projects:

##### 1. SmartTix – Mobile & Web Application

- Role: Full-stack Developer
- Summary:
  - Specializing in front-end development.
  - Collaborating closely with designer and development teams, build app UI for both Mobile and Web version.
  - Conducting rigorous testing and debugging for stable applications.
  - Actively participating in project discussions to enhance app performance.
  - Help team build API.
  - Contributing to SEO best practices and optimizing user experiences. Managing workflows to ensure timely delivery of high-quality software.
- Tools: TypeScript, Next.js, React, React Native, Tailwind CSS, Node.js, MongoDB, AWS, Stripe, RESTful API

##### 2. Credential Management (Victoria Racing Club) – Mobile Application

- Role: Front-end Developer
- Summary:
  - updating the UI of an outdated mobile application based on the latest innovative designs
  - test and troubleshoot bugs to ensure a smooth user experience.
- Tools: JavaScript, React, React Native, Material UI, Node.js, MongoDB, AWS, RESTful API

## PROFESSIONAL DEVELOPMENT

AWS Certified Cloud Practitioner

Jun/2023

- **Techs:** Amazon Web Services, AWS Certification, AWS Cloud, Cloud Computing, Cloud Services, Cloud Platform, AWS S3, AWS EC2

### **Victoria Digital Job Program**

**Feb/2023-May/2023**

General Assembly | Melbourne, Australia

- **Techs:** React (debugging and documentation), Component lifecycle, Redux, Unit-testing, APIs, AWS S3, Node.js

### **Certificate in Full Stack Web Development**

**Apr/2022-Nov/2022**

Monash University | Melbourne, Australia

- **Techs:** HTML5, CSS3, JavaScript, jQuery, Java, Bootstrap, Express.js, React.js, Node.js, MongoDB, MySQL, Git, Built interactive MERN Stack Single-Page Application.
- **Projects:**
  - 1. Easy Rent:**
    - | Github: <https://github.com/Fredbian/easy-rent> |
    - | Deployed App: <https://easy-rent-2022.herokuapp.com/> |
      - Summary: Interactive MERN Stack Single-Page Application. A third-party platform for posting and updating room renting information.
      - Role: Sole author
      - Tools: Node.js, React, Express, JWT, JavaScript, CSS, Chakra UI, MongoDB, GraphQL, Nodemailer, Stripe, Mongoose ODM, Heroku
  - 2. Paws For Homes**
    - | Github: <https://github.com/Zoki91/Paws-For-Homes> |
    - | Deployed App: <https://paws-for-home.herokuapp.com/> |
      - Summary: Interactive Node-based Full-Stack application following the MVC paradigm
      - Role: Backend Developer
      - Tools: Express Handlebars, Bootstrap, MySQL, JavaScript, ORM, Sequelize, Bcrypt

### **ADDITIONAL EXPERIENCE**

**Fantasy Caravan – Human Resource officer | Mel VIC**

**Apr/2021-Jan/2022**

- **Job Summary:**
  - Successfully recruited a team for the new Queensland branch
  - Effectively recruited new staff and contacted more than 30 candidates daily
  - Drafted contract and relevant documents for new staff
  - Managed company recruiting account and documents
  - Chaired performance review and induction
  - Supported management for other general HR duty

### **Experience Before 2021:**

- **Upon Request**

### **EDUCATIONS**

**Master of Professional Accounting & Commerce**

**Jun/2011-Feb/2013**

Deakin University Melbourne, Australia

- Summary: Accounting, Business Law, Analytical Methods, Accounting System Research and Analytics