

Edgar Russell Teong Kai Han

(+65) 97379450 | edgarteong@gmail.com | [linkedin.com/in/edgarteong](https://www.linkedin.com/in/edgarteong) | github.com/safarinexus

EDUCATION

Singapore Management University

Aug. 2020 – Dec. 2024

Double Major, Computer Science & Accountancy

- Relevant Coursework: Intro to Software Engineering, Web App Development, Data Management, Data Structures and Algorithms

University of St. Gallen (Exchange)

Sept. 2023 – Dec. 2023

EXPERIENCE

Affle

Jun. 2023 – Aug. 2023

Frontend Engineer Intern

Remote

- Developed unit-tested front-end modules and components for 13 different customer products using React generating revenue of more than \$12k
- **Manager Reference:** Charles Yong, Chief Architect, charles@affle.com
- Technologies: **React, HTML/CSS**

Government Technology Agency

Jan. 2023

Software Engineer Intern

Singapore

- Worked on the Tech iOSH Refresh Project aimed at providing a more seamless registration portal for more than 2000 safety and health professionals
- Designed components with Figma and translated those designs into implementations across 8 different routes
- Developed unit-tested components for revamped portal to enhance UX through SEO optimisation and accessibility improvements and created a more responsive UI with 70% higher user adoption rates
- Technologies: **React, Figma, HTML/CSS**

Schneider Electric

Aug. 2022 – Dec. 2022

Data Analyst Intern

Singapore

- Led data migration and adoption of version-control with GitHub to enable improved workflow tracking & data retrieval across 300 different SQL scripts
- Created a comprehensive SQL data-retrieval script bank for use by entire Internal Audit team
- Developed machine learning algorithm to automate fraud detection for each internal audit cycle with an 80% effectiveness
- Technologies: **SQL, Git, Python, Seaborn, Sci-kit Learn, Pandas**

Accenture

June. 2022 – Aug. 2022

Software Development Engineer in Test Intern

Singapore

- Developed testing tools for iHiS Billing Transform project, aimed at digitally transforming the nationwide healthcare billing solution
- Developed test scripts and templates for testing cycle through SOAP APIs and Python
- Technologies: **Python, SOAP API**

PROJECTS

TOP Projects | *HTML/CSS, Jest, Webpack, npm, React, PostgreSQL, Node.js, Express.js*

Jan. 2024 – Present

- A collection full-stack projects learned from "The Odin Project" where I self-taught full-stack development
- Projects include web apps such as a functional calculator, a to-do list, a weather app, a message board and Battleship

Kyla's Birthday | *HTML/CSS, JavaScript*

July 2024

- Developed a static webpage to celebrate my partner's birthday, with cross browser compatibility
- Scroll animations and design are written in vanilla JavaScript

TECHNICAL SKILLS & INTERESTS

Languages: Java, Python, C/C++, SQL (Postgres), TypeScript/JavaScript, Node.js, HTML/CSS/SASS, R

Frameworks: React, Express.js, CSS Modules

Developer Tools: Git, Figma, SAP, Prisma, Jest, Vitest

Libraries: pandas, NumPy, Matplotlib, seaborn, sci-kit learn

Interests: I'm a computer nerd, I'm a coffee nerd, I'm a mechanical keyboard nerd, I'm a book nerd, I'm a film nerd