

TAN HUI TIAN

SOFTWARE DEVELOPER

A Singaporean full-stack developer with a professional background in design.



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PROFESSIONAL EXPERIENCE

Full-stack Software Developer, Silicon Jungles

Singapore, 11/2020 - present

- Discover clients' needs. Design wireframes and UI screens (using Figma). Coordinate sprints with pair and create stories/ issues using Trello/ Github issues.
- Set up CI/CD pipeline for various projects (using CircleCI/ Bitrise + docker scripts to build docker images + terraform scripts for deploying to cloud providers + other configurations like Nginx). Set up bug-tracking (Sentry).
- Review pull requests/ submit pull requests for review and ensure that only high-quality code is merged using a feature-branch workflow. (Projects also have GitHub actions to ensure minimum test coverage, with at least one mandatory accepted peer review before merging).
- Come up with implementation plans (ie: access control, UML diagrams for database modeling).
- Develop full-stack features for various projects with Agile practices, using React/ React Native (with state-management: Redux, MobX, xState, etc) on the front-end, and Ruby on Rails/ Django (Python)/ Phoenix (Elixir) on the back-end.

Front-end Developer, Smartkarma

Singapore, 06/2019 - 11/2020

- Developed front-end features for Smartkarma's web platform with Ember.js, using a feature-branch workflow.
- Troubleshoot and optimized website page speed and performance (from GTMetrix C to A).
- Revamped EDM email templates with testing (Litmus), so that they present well on all major clients.
- Provided technical support to the WordPress team, which includes troubleshooting plugin issues and writing custom scripts, etc.

Art Director, Collateral Damage Studios

Singapore, 08/2015 - 01/2019

- Art directed for various projects with timely delivery (including animations, and successfully funded kickstarted games), trained and managed junior artists.
- Created commercial artworks and designs (for clients such as HTC, New York Comic Con, SHILLA, and Singapore Airshow).
- Invited to speak as a panelist (STGCC on Women in Comics), and conduct workshops, live demos, or portfolio reviews for conventions such as Anime Festival Asia (SG), Anime Expo (US), NYCC (US).

COMPETENCIES

- Programming Languages: JavaScript, HTML, CSS, Python, Elixir, Ruby, SQL
- Frameworks/ Libraries: React, React Native, Ruby on Rails, Django, Next.js, Ant Design, D3
- Devops: CircleCI, Bitrise, Terraform, Docker, AWS, Google Cloud
- Dev Tools: Git, Visual Studio Code, SourceTree, Storybook, Postman, Gitbook
- Practices: Agile, Extreme Programming, TDD
- Design: Figma, Adobe Photoshop, Adobe Illustrator, Adobe InDesign

LANGUAGES

- English
- Chinese

OTHER INTERESTS

- Science Fiction
- Perfumery
- Design
- Anime

EDUCATION

JumpStart! by ThoughtWorks

A 12-weeks intensive software development boot camp by a leading global technology consultancy

Personal Projects:

- FoodNote - A mobile note-taking app for food places. Made with React Native, JWT, Google Map & OpenCage API with MERN stack (Solo Project)
<https://onoumenon.netlify.com/blog/foodnote>
- Sorting Visualizer - A visualiser of various sorting algorithms. Made with React (Solo Project)
<https://github.com/onoumenon/sort-visualizer>

VOLUNTEER WORK

Volunteer at Engineers.SG

A not-for-profit community initiative, created to help document the Singapore Tech and Startup Scene

- Record various tech meet-ups and conferences

Program Coordinator at Academic Internship Council

A non-profit organization dedicated to partnering with academic institutions to provide exceptional student internship programs

- Conduct and plan activities (such as tours and housing orientations) for students.
- Outreach to companies and match students with local companies for their internships.
- Submit Work Holiday Pass applications on behalf of students.
- Handle students' emergencies and concerns.