Teo Boon Wee

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CAREER SUMMARY

Aspiring Junior Full Stack Developer with hands-on experience building simple web tools and automating workflows. I enjoy breaking down problems, troubleshooting issues and improving how things work. My background in ICT and teaching sharpened my logic, clarity and user-first thinking. Now focusing on Java, Spring Boot, React and SQL, with growing interest in backend and API workflows. I'm ready to contribute by building features that work, support development tasks and help ship real improvements for users.

PROFESSIONAL DEVELOPMENT

Generation Singapore — *SCTP (Full Stack Development)*

October 2025 - February 2026

Completed a 12-week full-time immersive training program: Codecademy Full Stack Developer track (Codecademy — the main interactive self-directed learning platform).

Acquired foundational skills in full stack development, including HTML/CSS, JavaScript, Bootstrap, React, Node.js, Java, Spring Boot, Git, GitHub, Docker and cloud deployment (Azure).

Demonstrated **teamwork, problem-solving, and technical adaptability** by building two full-stack web applications — from UI design to backend logic and database integration — applying Agile methodologies and iterative debugging to deliver functional, user-centered solutions.

Employed **stakeholder communication and project management** skills to collaborate with peers, present prototypes, gather feedback, and iterate on features within tight deadlines — preparing for success in fast-paced tech environments.

WORK EXPERIENCE

MOE, Singapore — *Adjunct Teacher*

July 2024 - January 2026

Designed and built a website plus Google Forms to support Sec 3 Learning Trail activities (used by 300+ students, reduced admin time by 30%).

Integrated digital tools to streamline instructions and content access for students.

SKILLS

Frontend: HTML5, CSS3

JavaScript, Bootstrap 5, React

Backend: Java Spring Boot

Database: SQL

Programming: Python, R,

Tools: Git/Github, Docker

Digital Marketing

EDUCATION

University of Adelaide
Master of Applied Finance

January 2016 - November 2017

Golden Key International Honour Society

Nanyang Technological University
Master of Education

July 2010 - July 2013

Nanyang Technological University
Post-graduate Diploma in Education

July 2007 - July 2008

National University of Singapore
Bachelor of Engineering (Chemical)

June 2002 - June 2006

Zenitant, Singapore — *ICT Trainer*

August 2014 - July 2024

Conducted STEM and programming enrichment (Microbit, mBlock, Arduino) to introduce students to computational thinking and automation logic.

Guided students in writing simple logic-based programs and solving hardware-software integration tasks (over 10 classes, 200 students).

MOE, Singapore — *School Teacher*

July 2008 - August 2014

Built Excel-based applications for academic performance analysis, improving accuracy of reporting and reducing processing time by 40%.

Developed digital tools for data validation and performance tracking across cohorts.

IMH, Singapore — *Admin Assistant (Contract)*

July 2006 - September 2006

Provided key administrative support during the 2006 launch of the Ministry of Health's Subutex Voluntary Rehabilitation Programme (SVRP), compiling and verifying live enrolment and patient data for over 1,300 participants during the two-week registration window.

Coordinated with clinical and administrative teams at the Institute of Mental Health to ensure accurate, compliant recordkeeping and timely reporting, supporting operational efficiency during the critical launch phase.

PROJECTS

Microedge Academy — *Capstone Project*

Link: fsd07.pages.dev
Collaborated with a team of three to build an online micro-learning platform that delivers workplace-specific skills. Developed responsive, WCAG AA–compliant frontend interfaces using HTML, CSS, JavaScript, and Bootstrap 5, and established a reusable UI boilerplate for consistent, efficient development.

For the backend, designed an ERD and implemented a Spring Boot application with MySQL, using JPA and RESTful APIs to support user progress tracking, role-based content, and seamless frontend integration.

Sec 3 Learning Trail — *School Program*

Link: sec3.notion.site

Guan Lee Hoe — *Capstone Project*

Link: glh.framer.website