



Teng Yee Jing

Software Engineer

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PROFILE

Experienced full stack software engineer in all areas: backend, database, cloud infrastructure, frontend, UX.

Experienced in fulfilling requirements of various features, including payment, billing, questionnaire, appointment and government-verified data, from both stakeholders and end-users.

SKILLS

 .NET Expert	 AWS Proficient
 Git Proficient	 Database Proficient
 Node.js Competent	 TypeScript Competent
 HTML Proficient	 CSS Proficient
 JavaScript Proficient	 React Advanced Beginner

WORK EXPERIENCE

Visa (Singapore)

Senior Software Engineer

May 2022 - Present

- Full stack software engineer.

Freelance

Freelance Web Developer

Oct 2021 - Present

- Reinvented small business's website with AWS Serverless solution, including S3, CloudFront, Route 53 and Certificate Manager.
- Illustrated website prototype with Figma.
- Decreased more than 90% website hosting cost for server, cPanel license, SSL certificate.

Integrated Health Information Systems (IHIS)

Senior Software Engineer

Jul 2020 - Aug 2021

- Built high-availability and high-scalability broker service to exchange COVID-19 vaccination data of entire Singapore across multiple healthcare systems with AWS Serverless solution.
- Developed cloud-native microservices to access healthcare records following HL7 FHIR R4 specification.
- Implemented backend API to integrate with SingPass API, including MyInfo, SafeEntry, Verify.
- Developed prototypes for COVID-19 initiated projects within limited time.
- Engineered batch jobs to send mass SMS through Twilio.

Software Engineer

Aug 2018 - Jun 2020

- Developed backend API and managed database for HealthHub mobile application and portal.
- Created a shared payment gateway with eNETS API for multiple application modules.
- Built an intranet admin portal for hospital staff to view payment reports.
- Implemented questionnaire API and converted answers to HL7 FHIR R4 specification to be used by clinician systems.

EDUCATION

Nanyang Technological University (NTU), Singapore

Bachelor of Computer Science

Aug 2014 - Jul 2018

- Elective Focus in Intelligent Systems and Digital Media.
- Honours with Distinction (CGPA: 4.18/5.0).

CERTIFICATE & ACHIEVEMENT

AWS Certified Solutions Architect - Associate

Amazon Web Service (AWS)

Sep 2021 - Sep 2024

ITIL 4 Foundation Certification

AXELOS Global Best Practice

Oct 2019 - Present

Highest Personal KPI Rating

Integrated Health Information Systems (IHIS)

FY 2019 - FY 2020