

1. WORKING EXPERIENCE

QANVAST PTE LTD

FULL-STACK DEVELOPER since FEB 2019 .

Work with marketing team and user experience team on user-facing features, web analytics, business intelligence and A/B testing of the company's flagship product.

Improve efficiency of customer experience team and business development team by understanding and automating their workflows.

Completed over 150 user stories and appraised "consistently exceeds requirements" in 2022.

XTREMAX PTE LTD

.NET DEVELOPER from JUL 2018 to JAN 2019 .

Develop, deploy and maintain web intranet systems for the Attorney-General's Chambers.

Help project manager with task breakdowns, feasibility assessments and timeline estimations.

Coordinate with remote team members and 3rd party vendors to meet client's business needs.

DIGITAL SYSTEM (M) SDN BHD

INTERN from SEP 2017 to DEC 2017 .

3-month internship while pursuing graduate studies.

Designed, built and integrated a production-ready Location Marking and Geofencing module within 2 months.

Offered permanent position after internship.

2. TERTIARY EDUCATION

BACHELOR OF INFORMATION SYSTEMS (HONS) INFORMATION SYSTEMS ENGINEERING

Universiti Tunku Abdul Rahman (UTAR).
Graduated in May 2018 with Merit.

3. TECHNICAL SKILLS

USED DAILY AT CURRENT JOB

HTML	CSS	JavaScript	Sass
React	Redux	NodeJS	TypeScript
ExpressJS	Jest	Git	PostgreSQL

4. PERSONAL PROJECTS

SHIT COMPRESSOR completed AUG 2022 .

C# XAML WPF .NET5

Multi-threaded lossy image compressor with built-in tools to measure quality-file size tradeoff, i.e. SSIMULACRA and Butteraugli scores, SSIM and Edge Artifact maps etc.

HTML TO PDF/UA completed MAR 2022 .

Java Maven HTML

Application to generate PDF/UA and PDF/A-3A compliant PDFs from HTML. PDF/UA concerns accessibility and PDF/A concerns long-term preservation.

3D ENGINE FOR MIKU completed SEP 2021 .

WebGL JavaScript GLSL

3D engine with support for PMD and VMD file formats, skeletal and morph target animations, soft shadows, real-time physics and ramp textures.