

Gabriel Ong



q-gabe.me



Q-gabe

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

B.COMP (COMPUTER SCIENCE) W. HONS (DISTINCTION)

Aug 2017 - Jun 2021 | Singapore

School of Computing

Cum. GPA: 4.20 / 5.00

NGEE ANN POLYTECHNIC

DIPLOMA IN BIOMEDICAL SCI.

Apr 2012 - May 2015 | Singapore

Cum. GPA: 3.73 / 4.00

SKILLS

LANGUAGES

Fluent:

Java • JavaScript • Python

Familiar:

Go • C • HTML5 • CSS

PHP • SQL • C# • C++

CREATIVE TOOLS

Adobe XD • Photoshop

Illustrator • Premiere Pro

CERTIFICATIONS

Google Cloud

Associate Cloud Engineer

Issued Aug 2020 | Expires Aug 2022

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Software Engineering

(Teaching Assistant for 2 Semesters)

Software Testing

User Interface Development

Database Systems

Networks & Internet Architecture

Operating Systems

Artificial Intelligence

Natural Language Processing

MISC. DETAILS

Nationality: Singaporean

Eligible for H-1B1 US Work Visa

LinkedIn: [linkedin.com/in/q-gabe](https://www.linkedin.com/in/q-gabe)

PROFESSIONAL EXPERIENCE

SHOPEE | SOFTWARE ENGINEER | MARKETPLACE ORDER TEAM

Jul 2021 - Present | Singapore

- Responsible for engineering scalable, reliable and extensible distributed systems and features to support Shopee's Marketplace checkout and order lifecycle.

GRAB | FULL STACK ENGINEER INTERN | GRAB.COM TEAM

May 2020 - Aug 2020 | Singapore

- Worked with a cross-disciplinary team to develop features and maintain Grab's corporate website across 8 regional markets, with site traffic of 10M++ visitors/month.
- Key achievement:** Planned, developed and drove initiative for a maker-checker editorial workflow system within Grab's CMS for hundreds of internal users.

WHIZPACE | SOFTWARE ENGINEER INTERN

May 2019 - Aug 2019 | Singapore

- Worked directly with CTO and the engineering team to strategise and develop software architecture for various products.
- Key achievement:** Led and developed an application for IoT data monitoring that gained traction with several client companies and secured contracts worth >USD\$10,000.

PROJECTS

PET BOARDING DASHBOARD WEB APPLICATION

Oct 2020 | AWS Lambda • Serverless • MongoDB Atlas • NodeJS •

VueJS • LESS • Mocha/Chai/SuperTest

Styled VueJS Web application for a mock pet boarding facility consuming an Serverless API deployment with full CI/CD pipeline implementation using AWS CodeBuild.

DOCKERIZED KAFKA CLUSTER MIDDLEWARE

Oct 2020 | Apache Kafka • Apache Zookeeper • Docker

Multi-broker Kafka setup for event streaming managed by a Zookeeper ensemble for fault tolerance. Containerized using Docker Compose for easy deployment.

DORM-DASHBOARD WEB APPLICATION

Apr 2020 | ReactJS • Meteor • MongoDB

Temperature management dashboard for a mock residential hall with interactive time series data visualization using JS. Deployed to cloud using Heroku's Dyno and MongoDB microservices.

OTHER EXPERIENCE

Jan 2021

NUS Hack&Roll 2021

Participant

Jun 2020

Google Cloud Student Sprint

Participant

Jan 2020

NUS Hack&Roll 2020

Participant