

Benjamin Goh

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EXPERIENCE

[Dyson Sphere](#)

Mar 2024 – Present

Backend Developer

Azure, Cassandra, Consul, CWGO, Docker, Firebase, Golang, Goravel, MQTT, MySQL, Redis, Twilio

- Developed and co-designed backend architecture from the ground up comprising of a reverse proxy, containerised microservices, Time Series and Relational DB and appropriate caching.
- Wrote CI/CD workflows for automation of linting, testing and deployment to Azure Container Apps.
- Closely collaborated with Front-End developers to ensure efficient integration of backend endpoints.

[Seer](#)

May 2023 – Aug 2023

Full Stack Developer, Intern

Auth0, Azure, C#, Docker, Golang, gRPC, MongoDB, NestJS, RabbitMQ, ReactJS, TailwindCSS

- Restructured existing in-house video processing modules into microservices in Python.
- Constructed a pipeline consisting of a Golang proxy server, Redis cache and said microservices for a high throughput and scalable video processing system on the cloud.
- Secured proper deployment of all web services on Azure Container Apps and Cloud Virtual Machine instances.

[FoodLine.SG](#)

May 2022 – Dec 2022

Full Stack Developer, Intern

HTML & CSS, Javascript, jQuery, MySQL, NodeJS, PHP, Redis, REST APIs, Socket.IO

- Wrote internal scripts for funds transfer from the company's bank accounts via FAST/Remittance as well as to receive notification for incoming payments.
- Improved existing subscription service to allow charging of customers through previous payment methods.
- Multitude of improvements to internal pages, supporting 6 departments, and external customer pages consisting of code and database query speed up, general feature implementations and bug fixes.

TECHNICAL SKILLS

- Programming Languages: C#, C++, Dart, Golang, HTML & CSS, Java, PHP, Python, SQL, TypeScript
- Technologies: Auth0, CWGO, Docker, Express.js, Flutter, Git, JWT, MongoDB, MySQL, NodeJS, NestJS, PostgreSQL, RabbitMQ, ReactJS, Redis, REST, Sveltekit, TailwindCSS, UNIX

EDUCATION

Nanyang Technological University, Singapore
Bachelor of Engineering (Computer Science)

Aug 2020 – May 2024

PERSONAL PROJECTS

[NTUMoons](#)

A website written in Svelte for NTU students to retrieve course information and plan modules

- Programmed several web scrapers to retrieve public information from NTU pages which is stored in Firebase
- Allows users to add modules to timetables on a per semester basis with built in timetable generation to find compatible lesson timings
- Utilised Typesense for indexing of module and staff documents for text-based searching with faceted filtering

AWARDS

• Hack&Roll 2022 Top 8

2022