Benjamin Goh

⌨ **Portfolio** | ✉ **bengohzy@gmail.com** | ☏ **(+65) 92473996**

EXPERIENCE

DSNE   Mar 2024 – Present
Backend Developer

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

- Developed and co-designed a scalable backend architecture from the ground up comprising of a reverse proxy, containerised microservices, Time Series and Relational DB with appropriate caching.
- Wrote CI/CD workflows for automation of linting, tests and deployment to Azure Container Apps and Registry.
- Wrote internal documentation and development containers for smooth onboarding or handover.

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   Aug 2020 – May 2024
Bachelor of Engineering (Computer Science)

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

- NUS Hack&Roll 2022 Top 8   2022