

## NG ZHE KAI

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ngzhekai.vercel.app

## EDUCATION

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### MULTIMEDIA UNIVERSITY

Melaka, MY

Bachelor of Information Technology in Data Communications and Networking

July 2023

- GPA: 3.83/4.00
- First Class Honors Award
- Book Award
- Dean's List Academic Achievement Award
- Final Year Project: Driver Drowsiness Detection IoT

### CISCO NETWORKING ACADEMY

Melaka, MY

Cisco Certified Network Associate Course (CCNAv7)

October 2022

- CCNAv7: ITN, SRWE, ENSA
- Awarded with Letters of Merit

### CURTIN UNIVERSITY

Sarawak, MY

Foundation Studies, Engineering and Science Stream

February 2020

- Course Weighted Average (CWA): 83/100
- High Distinction in units: Engineering Mathematics, Physics for Engineers, and Programming in C++

## TECHNICAL SKILLS

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**Programming Language:** Javascript/Typescript, Python, Svelte, C/C++, Java

**DevOps:** AWS EC2, GCP Compute Engine, GitHub, GitHub actions, GitLab, Microsoft Hyper-V, shell scripting, version control, Google Cloud SQL

**Frontend/Backend Web Dev:** Alembic, Clerk Auth, FastAPI, Framer motion, Next.js, Node.js, PostgreSQL, React.js, Vercel, MySQL, Prisma, TailwindCSS, Chakra UI

**Mobile Dev:** Android Studio, Expo, Node.js, React Native, SQLite

**Networking:** IPv4/IPv6, LAN/WAN, remote access, routing, SSH, switching, TCP/IP, VLAN

## EXPERIENCE

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### FUSIONEX GROUP

Selangor, MY

DevOps Junior Intern

May 2022 – August 2022

- Managed corporate's virtual machines and addressed the problem upon requests
- Deployed services pod into the Kubernetes Engine.
- Derived documentation on new tools and optimized it into Docker Image (Research & Development).

### GB ACADEMY

Johor, MY

Consultant Assistant

October 2019 – November 2019

- Handled walk-in clients and phone reservations.
- Collected clients' information and processed it into the system.
- Validated client details are keyed into the system accordingly.

## EXTRACURRICULAR EXPERIENCE

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### **ITSOCIETY CLUB - MULTIMEDIA UNIVERSITY**

Melaka, MY

#### **Marketing Team**

May 2021 – July 2023

- Designed club activities posters that are customized specifically for the social media platform.

#### **Programme and Affiliation Team**

August 2021 – December 2022

- Participated in discussions and meetings regularly on campus, and assisted in organizing activities, such as workshops and AGM.
- Coordinated workshop as the Head of the Programme.

### **MULTIMEDIA UNIVERSITY**

Melaka, MY

#### **Student Representative of the Programme Review Committee**

April 2021 - April 2022

- Represented students and proposed their problems and concerns to the faculty

## PROJECTS

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### **Tweet Lite**

#### **Creator**

- Built responsive web application using Next.js Framework that allows authenticated users to post text-only tweets.
- Minimalist interface inspired by Twitter.

### **Portfolio Website**

#### **Creator**

- A personal website that showcases my works, projects, achievements, and a little insight about me.
- Responsive website built using Next.js as the underlying React framework.

### **SoonlyAnn Furniture Centre**

#### **Frontend Developer**

- An attempt to revamp the website with responsive modern technology stacks built on the Next.js framework.

## LANGUAGES

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- **English**
- **Mandarin**
- **Japanese**
- **Malay**

*References and transcripts are available upon request.*