Misaki Michiba

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Email: misakimichiba@gmail.com   **Github**: https://github.com/misakimichiba

Residence: Petaling Jaya, Selangor   **Portfolio**: https://misakimichiba.github.io/

Nationality: Malaysian

Technical Skills

Programming Languages:

Python, JS, C#, Java, PHP, HTML5, CSS, Dart, SQL

Framework / Tools:

Django, Git, Node.js, Express.js, MongoDB, MySQL, Flutter, Figma, Tinkercad

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Education

Bachelor of Science (Hons) in Computer Science   2024
Sunway University / Lancaster University   (Graduation Convo: February 21st 2025)

- Recipient of Jeffrey Cheah Entrance Scholarship

Diploma in IT   2019 - 2021
Help University

Professional Experience

Web Developer Intern   Jan 2024 – April 2024
Bike Bear

- Implemented and maintained websites for Sunway College, Principal, TYT, Tamasuk, Avaland, and Amaya Residences
- Learnt responsive web design and GSAP
- Utilized Wordpress, various Wordpress Plugins, HTML, CSS, JavaScript and GSAP

Projects

Django Project
Django, Python, JS, HTML5, CSS

- Designed and developed a simple full-stack web application that enables users to register, log in, and manage blog posts
- Implemented Django's authentication system to ensure secure user access and content management

Timestamp Microservice
Node.js, JS, HTML5, CSS
- Developed a microservice REST API that takes a date as input and returns it in both UNIX timestamp and human-readable format

Request Header Parser Microservice
Node.js, JS, HTML5, CSS
- Developed a microservice REST API that extracts and returns the header details from a user's HTTP request, including IP address, language, and browser information

URL Shortener Microservice
Node.js, JS, HTML5, CSS
- Developed a microservice REST API that shortens URLS

Exercise Tracker
Node.js, MongoDB, JS, HTML5, CSS
- Developed a microservice REST API where users can be created and each user's exercise is tracked and can be accessed from a log
- Integrated MongoDB to enable users to track their progress over time

File Metadata Microservice
Node.js, JS, HTML5, CSS
- Developed a microservice REST API allows users to upload files and receive metadata such as file size, type, and name

newtricks (Interactive Educational App for Elderly)
Flutter, Dart, Figma
- Developed a mobile app for elderly persons to teach them basic skills in mobile phone navigation through interactive exercises

Cincai Lah (Restaurant Picker App)
Scala, Java, SQL
- Developed an application where users can add, update, and remove restaurants from their personal database
- Implemented a random selection feature to help indecisive users pick a restaurant
- Utilized SQL for structured data storage and retrieval

Home Pets (Pet Adoption Website)
PHP, JS, HTML5, CSS, SQL

- Developed a website where users can browse adoptable pets, submit adoption applications, and create their own accounts
- Integrated a database system to store pet details, user applications, and adoption status
- Designed a user-friendly interface for better accessibility and engagement

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Extra-curricular Activities

GDSC Lead

Google Developer Student Clubs (Sunway University)
- Organized KitaHack 2024, a national hackathon with other GDSC Leads from universities all around Malaysia
- Led a team of around 30+ core team members to organize talks and workshops
- Delivered workshops on 3D modelling with Tinkercad and on creating an application with Flutter and Dart

Head of Education

Sunway Tech Club
- Led team of around 10+ core team members to find external speakers, research event materials and organize events
- Delivered a workshop on using GSAP to create a portfolio website

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Certificates

Backend Development and APIs

Freecodecamp

Foundational C# with Microsoft

Freecodecamp

Database Programming and Design

Oracle Academy

Languages

English - Fluent

Mandarin - Fluent

Bahasa Melayu - Intermediate

Japanese - Intermediate