

# CHUN KAI LI

## Full-Stack Web Developer

### CONTACT

610-295-7826  
Macungie, PA  
[chunkaimattli@gmail.com](mailto:chunkaimattli@gmail.com)  
[github.com/CodeCKLI](https://github.com/CodeCKLI)  
[linkedin.com/in/chun-kai-li/](https://linkedin.com/in/chun-kai-li/)  
[ckli-portfolio.onrender.com](https://ckli-portfolio.onrender.com)

### EDUCATION

#### B.S. in Computer Science

Western Governors University  
October 2023

#### B.S. in Electronics

Hong Kong Metropolitan University  
August 2018

### CERTIFICATIONS

CompTIA Project+  
ITIL® Foundation

### SKILLS

#### Programming Language &

**Frameworks:** Python, JavaScript, Java, C, C++ Node.JS, Express.js, Spring Boot, React, TypeScript

**Languages:** English (Fluent), Chinese/Cantonese (Native)

Object-oriented programming, Data Structures and algorithms, SQL, Git, RESTful APIs, AWS, MongoDB

Unit testing, Debugging, Documentation writing

Full-Stack Web development, Embedded Firmware Development

Troubleshooting, Leadership, Communication and interpersonal skills, Creative Problem Solving

### PROJECTS

#### Bug Tracking System | React, Nodejs, Expressjs, PostgreSQL

- Tracks the status of bugs reported by users for products
- Retrieves, creates, updates, and deletes software tickets
- Allows admins to manage staff accounts
- Includes user login, signup, authentication, and authorization functionalities with JWT
- Implements user commenting and notification features
- is deployed using Docker on a cloud platform
- Utilizes a cloud PostgreSQL instance

#### AI Book Recommendation Web app | Python, Jupyter Notebook, Panda

- An AI model trained on the scikit-learn machine learning library provides users book recommendations based on their favorite books
- I used Python with Panda library to collect and clean data for training the AI model and implemented the user interface using the Streamlit framework
- I deployed the app on a cloud platform, Render

#### Appointment Scheduling System | Java, Scene Builder, MYSQL

- This desktop application allows staff to track appointment details with clients
- I developed the user interface using JavaFX and an interface builder
- The app retrieves and stores data between application and database using custom SQL queries

### WORK EXPERIENCE

#### Senior Technician

Aug 2019 – Jul 2022

MTR Corporation Limited, Hong Kong

- Guided, mentored, and fostered collaboration within a team of technicians to execute maintenance and system enhancement tasks
- Contributed to the development of innovative system improvements by offering solutions and crafting implementation plans.
- Managed deployment processes, and offered post-implementation support

#### Management Associate

Sep 2017 – Jul 2019

MTR Corporation Limited, Hong Kong

- Managed project lifecycle, encompassing development, railway system enhancements, setup, and the overhaul of related internal systems
- Led projects focused on rebuilding out-of-date system with modern parts

#### Technician

Sep 2015 – Aug 2017

MTR Corporation Limited, Hong Kong

- Supervised and executed preventive and corrective maintenance on both signaling hardware and software equipment
- Collaborated closely with end-users of products to meet and fulfill their needs.
- Handled installation and testing tasks for train signaling telecommunication and commercial communication systems
- Led a team of contractors to perform maintenance or modification tasks

#### Technician Apprentice

Sep 2011 – Aug 2015

MTR Corporation Limited, Hong Kong

- Underwent on-the-job training across various railway departments
- Provided technical assistance in routine maintenance, and execution of renewal and modification tasks for Signaling and Telecommunication systems