Muhammad Yousuf

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Passionate software developer with nearly two years of experience in Full Stack Software Development. I have worked on server-side and client-side applications. I also have worked on some Network Engineering and System Administration projects like setting up Windows Servers and Linux Servers, setting up Firewalls, Access Points and Routers for enterprise companies.

Education

UOW College Hong Kong - Bachelors of Computer Science (Sept 2021 - July 2025)

HKTAYY3 - Secondary School (Sept 2015 - May 2021)

Examinations

- GSCE Chinese: A*
- GCE Chinese: A
- HKDSE English: Level 5
- HKDSE ICT: Level 3

Certification

AWS Certified Cloud Practitioner
Issued by: Amazon Web Services
Date of Certification: July 2025
Certification ID: a46446883220485aa2c9a17063c829aa

Experience

Biomed Technology Holdings Limited - Programmer (Sept 2023 - May 2024, HKSTP)

- Administered onsite/offsite servers and maintained WordPress e-commerce sites on cPanel/WHM
- Provided technical support and assisted bioinformaticians with server/software setup
- Managed IT hardware inventory and established network infrastructure for new branch

Proactive Technology Limited Hong Kong - Programmer (June 2024 - August 2024, Chai Wan)

- Worked as solo developer on a Real time tracking system to track customer's orders and send notification about their progress to customer and relavant staff. Built this with Python(Flask), Firebase and Odoo ERP
- Automated Odoo workflows through custom scripting to reduce manual tasks and save time
- Maintained servers and company websites while providing technical support

A Bit Digital Limited Hong Kong - Part-Time Developer (July 2024 - Present, Tsuen Wan)

- Worked as a full-stack developer on an internal Knowledge Management portal for Correctional Service Department using Spring Boot, ReactJS and MySQL
- Developed web scraping solutions with BeautifulSoup, Selenium, and Java for data aggregation

- Maintained Hong Kong Monetary Authority website using WordPress (Project Nami) and Slim framework

Projects

- **Telecommunication Application - Personal Side Project**

  Developed a text messaging application through which users can send text messages to other users on the platform, create groups, send messages in groups, video call other users on the platform.

  Built with NodeJS, EJS templating engine and MongoDB.

  Source Code: https://github.com/myousuf65/chat-ejs-node

  Demo: https://yousuf.xyz/projects/chat.html

- **E-Commerce Store - Personal Side Project**

  Developed an e-commerce platform where sellers can upload their products for customers to buy. Users can view all product, add products to cart, buy product.

  Built with Spring Boot(Java Framework) as the backend and ReactJS(Javascript Framework) as the frontend. I used Spring Security and JWT for authentication so that users can sign up and login securely. For the database, I used PostgreSQL.

  Backend Source Code : https://github.com/myousuf65/e-commerce-backend

  Frontend Source Code: https://github.com/myousuf65/e-commerce-frontend

- **Movie Rental Android App - Academic Project**

  Developed an Android Application where users can create accounts and rent movies from platform and purchase them.

  Built with Native Java. I used PostgreSQL for the database and Firebase for authentication and storing user accounts.

  Source Code: https://github.com/myousuf65/movie-rental-android-app

  Demo: https://yousuf.xyz/projects/movie.html

- **Face Recognition Attendance System - Academic Project**

  Developed a facial recognition system in which teacher can help register students using their face. Then Students can scan their face in this system each lesson, the system will recognize the student and help them mark attendance in Moodle(a learning platform that a lot of Universities use) for that lesson.

  This project is developed using Django(Python Framework) as the backend. I have used the open source face recognition model Deepface for machine learning and ReactJS(Javascript Framework) for frontend and Face API JS library for face landmarking.

  Backend Code: https://github.com/myousuf65/fyp-backend

  Frontend Code: https://github.com/myousuf65/fyp-frontend

  Demo: https://yousuf.xyz/projects/face.htm