MATTHEW JOHN MCMULLIN

CONTACT

- +66 81 480 8889
- matthew@mcmullin.one
- LinkedIn: @matthewjohnmcmullin
- Located: Bangkok, Thailand

PROFESSIONAL SKILLS

Programming:
- C
- Python
- JavaScript
- GoLang
- SQL

Languages:
- Thai (Fluent)
- English (Fluent)

Network and IT Infrastructure
Cyber-Physical Systems

PERSONAL SKILLS

- Reliable and professional
- Organized
- Time management
- Team player
- Fast learner
- Motivated
- Problem-Solver

INTERESTS

- Cyber-Security
- Networking
- Digital Transformation
- Intelligent Devices
- Cloud Computing
- Information Management

CERTIFICATIONS

- MTA Security Fundamentals
- Azure Fundamentals
- Azure Data Fundamentals

ACHIEVEMENTS

- 1st Place FinCyberSec Competition

PROFILE

I am a focused fluent speaking Thai national pursuing Digital Transformation. I am also a fluent speaking US citizen spending many summers in the US. I am culturally Thai and I have a good understanding of western practices. I am currently working at PricewaterhouseCoopers Consulting (Thailand). I enjoy working on IT infrastructure projects as a hobby, gaining the necessary skills in cyber-security and Network Infrastructure.

EXPERIENCE

PRICEWATERHOUSECOOPERS CONSULTING (THAILAND) | JUNE 2022-PRESENT
- I am currently working as a Cloud and IT consultant, My work consists of creating solutions for businesses requiring a redesign on their current IT Infrastructure in order to support their growing business requirements.

KASIKORN BUSINESS TECHNOLOGY GROUP | JUNE 2021-NOVEMBER 2021
- I am worked on a Capture the flag and Secure Coding platform that provides an interactive learning environment similar to "Secure Code Warriors" utilizing containers for each environment and handling INGRESS traffic with Traefik. This portion of my work is not covered by an NDA and I am allowed to highlight this project.

ADVANCED INFO SERVICE (AIS) INTERNSHIP | SUMMER 2020
- I worked with a team on a new NB-IOT Devkit. We integrated this Devkit into ozone machines that were assigned to AIS retail shops which were then controlled by a ChatBot of which I designed and created. I also created the program for the NB-IOT Flower which is displayed in malls and events.

INTERINK INTERNSHIP | SUMMER 2019
ALFA-GEOTECH INTERNSHIP | SUMMER 2016 AND 2018

UNIVERSITY PROJECTS

TELESCOPE+ | YEAR 4 SEMESTER 2
- High Performance virtual desktop solution with variable solution & refresh rate display streaming taking advantage of network offload technologies such as RDMA, when available. It also supports fallback to sockets for wide compatibility with low latency texture compression for reduced bandwidth utilization.

AUCTION SYSTEM | YEAR 3 SEMESTER 2
- A real-time auction platform that bases bids on a shared clock between multiple clients and a server for data processing.

QUIX | YEAR 3 SEMESTER 1
- A reverse proxy and port forwarding service that provides routes external traffic through a VPN to the client application similar to Cloudflare Argo Tunnel.

VIRTUAL REALITY GAME WITH UNITY | YEAR 2 SEMESTER 2

FACIAL EMOTION SODA MIXER | YEAR 2 SEMESTER 1

TURTLEBOT PROJECT | YEAR 1 SEMESTER 2

EDUCATION

KING MONGKUT INSTITUTE OF TECHNOLOGY LADKRABUNG
Bachelor Computer Innovation Engineering | 2018-2022 PRESENT