

Muhammad Asyraf bin Roslan

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ABOUT ME

I am a creative problem-solver with a passion for learning, seeking an IT role to apply my technical skills. My expertise spans enterprise infrastructure, software development, artificial intelligence, and web development. Additionally, I have skills in video editing and 3D modeling, which complement my technical abilities.

CORE COMPETENCIES

Computer Literacy Skills:

Django & flask web framework
Computer Networking
Pytorch & artificial intelligence
Linux Debian server management
Nextjs
Git & Docker
Cybersecurity

Programming Languages:

Python
Java
C#
C++
SQL
HTML, CSS, Javascript
Bash Scripting

Non-IT skills:

Video editing
3D modelling
3D animation

WORK EXPERIENCES

- 1) Software Developer: Hi-Security Consulting Sdn Bhd** [July 2024 – Current]
 - Develop and further improve existing in-house applications such as recording access software
 - Manage server setup for client's use
 - Creating surveillance dashboard and telegram bot for clients' use
- 2) PROTÉGÉ ICT engineer: Mindmatics Sdn Bhd** [March 2024 – June 2024]
 - Work in liaison with the Ministry of Defence Malaysia
 - Providing IT solutions to clients
 - Assist in troubleshooting IT problems
- 3) Freelance 3D artist** [September 2023 – February 2024]
 - Create 3D models or animations based on commissions
- 4) Internship: FWD Insurance Berhad** [March 2023 - August 2023]
 - IT application team member: managing incident tickets, housekeeping request management system and documentation
 - IT infrastructure team member: housekeep inventory, distribution of devices to staff and company tools installation

PERSONAL PROJECTS

- 1) Create and maintain a Minecraft hosting server**
 - Create and maintain a Minecraft multiplayer hosting server using raspberry pi 5 and made it accessible to the public
 - Create and maintain a discord bot that tells the public ip of the Minecraft server to a discord channel
- 2) Create and maintain a home NAS server**
 - Configure a network-attached storage system using Raspberry Pi 4 as Samba server for file sharing
- 3) Configure and maintain a network-wide advertisement blocker on home network**
 - Managing and configuring a network-wide ad blocker using a Raspberry Pi 4 as its server
- 4) Digital Vision Test using AI for Early Detection of Vision Problems in Patient with Diabetes Mellitus**
 - Create a web-based digital vision test to detect Diabetic Retinopathy
 - Design an Artificial Intelligence model to detect Diabetic Retinopathy from images of eyes using Python

EDUCATION & ACHIEVEMENT

- 1) Management and Science University, Selangor** [2020-2023]
Bachelor of Computer Science (Hons.)
 - FWD Insurance Berhad IT team Internship within 6 months.
 - Final CGPA: 3.46
- 2) Johor Matriculation College, Tangkak** [2018-2019]
Science Stream 1
- 3) MRSM Parit, Perak** [2013-2017]
Science Stream
 - SPM: 2A 3A- 1B+ 3B