

# 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.

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## CORE COMPETENCIES

### Computer Literacy Skills:

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

### Programming Languages:

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

### Non-IT skills:

Video editing  
3D modelling  
3D animation

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## 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) 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

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## 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
- 5) Deploy a chat bot on Discord**
  - Locally deploying a LLM on machine and attach it to a Discord bot to be used as chatbot

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## 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