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ABOUT ME

Creative and solutions-focused aspiring Junior Python Developer with a strong foundation in AI, data analysis, and automation. Skilled in Python programming and passionate about applying it to real-world problems. Background includes software development, web technologies, and creative tools like video editing and 3D modeling, bringing a unique perspective to technical problem-solving.

CORE COMPETENCIES

Core Skills:

Artificial Intelligence
Data Analysis and Visualization
Python Programming
Automation

Programming Languages:

Python
Java
C#
C++
SQL

Additional skills:

Full Stack Development
Cybersecurity Fundamentals
Bot Development

WORK EXPERIENCES

1) Software Developer: Hi-Security Consulting Sdn Bhd

[July 2024 – August 2025]

- Developed and deployed real-time web analytics dashboards using Python (Flask), integrating data collection and visualization components.
- Maintained and debugged internal access logging software, focusing on Python-based backend logic and data integrity.
- Created an automated Telegram alert bot using Python, linked to analytics dashboards for real-time data notifications.
- Supported and debugged an AI-powered vehicle detection system, optimizing model performance and data accuracy.

2) PROTÉGÉ ICT engineer: Mindmatics Sdn Bhd

[March 2024 – June 2024]

- Supported IT operations with a focus on hardware troubleshooting and integrating systems with software-based solutions.
- Developed and deployed Python automation scripts to streamline staff record-keeping and improve data accuracy.
- Maintained and optimized internal company systems, focusing on data flow, system reliability, and process automation.

3) Internship: FWD Insurance Berhad

[March 2023 - August 2023]

- Assisted the IT Applications team by supporting ticket data management, maintaining the request tracking system, and updating technical documentation to improve workflow transparency.
- Collaborated with the IT Infrastructure team to optimize inventory data, automate device tracking processes, and streamline software deployment for company staff using Python-based tools where applicable.

PERSONAL PROJECTS

1) AI Agentic Discord Chatbot

- Deployed a locally hosted large language model (LLM) and integrated it into a Discord bot.
- Utilized self-hosted AI to ensure data privacy, enable custom model tuning, and allow full control over conversational behavior and logging.

2) Minecraft Multiplayer Hosting Server with Discord Integration

- Automated server management using Python scripts to monitor and maintain a public Minecraft server hosted on a Raspberry Pi 5.
- Developed a Python-based Discord bot to dynamically fetch and post the server's public IP address, improving accessibility and real-time server status updates for players.

3) AI-Powered Digital Vision Test for Diabetic Retinopathy Detection

- Built a Python-based web application for digital vision screening, enabling early detection of Diabetic Retinopathy through automated image analysis.
- Designed, trained, and deployed a computer vision model using Python and deep learning frameworks to classify retinal images with high accuracy, leveraging annotated medical image datasets.

Certificates and Licenses

1) Rocheston Certified Cybersecurity Engineer Level 1

[June 2025 – June 2027]

2) Rocheston Certified Cybersecurity Engineer Level 2

[July 2025 – July 2027]

EDUCATION & ACHIEVEMENT

1) Bachelor of Computer Science (Hons.)

[2020-2023]

Management and Science University, Shah Alam, Selangor

2) Matriculation

[2018-2019]

Johor Matriculation College, Tangkak, Johor

3) Sijil Pelajaran Malaysia

[2013-2017]

MARA Junior Science College Parit, Parit, Perak