WAN AHMAD MUSTAQIM

+60137793179 | wanaqim@gmail.com | www.wanaqim.dev | www.linkedin.com/in/wanaqim

ABOUT ME

A fast-learning Full-Stack Developer with a passion for technology, I specialize in Python, JavaScript, Django, and Next.js. At GovTech Nucleus Unit, I contributed to AskMyGov (a citizen FAQ platform with semantic search) and SiaranGovMy (a government press release hub), leveraging NextAuth, Elasticsearch, and AWS for performance and security. Beyond government projects, I have built social networking platforms, inventory systems, and search-optimized applications. Currently, I'm exploring AI engineering to expand my expertise and stay ahead in tech.

WORK HISTORY

Full-stack Developer | GovTech Nucleus Unit   *May 2024 - Now*
Ministry Of Digital Malaysia, Putrajaya

- Developed two major government platforms: AskMyGov, a citizen FAQ platform for government-related queries, and SiaranGovMy, a centralized hub for government press releases and announcements.
- Designed and implemented responsive, mobile-first interfaces using Next.js, Tailwind CSS, and shadcn, ensuring a seamless user experience across devices.
- Integrated NextAuth for secure and efficient authentication workflows, enhancing platform security.
- Built and optimized REST APIs to ensure consistent data structure between backend and frontend, enabling smooth application functionality.
- Leveraged AWS S3 and AWS SDK for file storage and management solutions, ensuring scalability and reliability.
- Implemented Elasticsearch to enable fast and efficient search functionality within applications.

Tour Manager | Business Operations   *Dec 2018 - Aug 2023*
Heritage One Stop Travel & Tours, Kuala Terengganu

- Managed 30+ tours, resulting in enhanced customer satisfaction rates.
- Orchestrated seamless travel logistics for over 500 clients.
- Established and maintained partnerships with 5+ destination ground travel agencies to diversify tour offerings.
- Implemented innovative strategies to optimize tour experiences and exceed client expectations.
- Oversaw budgeting and financial planning for tour operations, achieving cost-efficiency targets.
- Conducted regular evaluations and feedback sessions to continuously improve tour quality.
- Collaborated with cross-functional teams to streamline communication and ensure smooth operations.
- Resolved customer inquiries and concerns promptly to maintain high levels of client satisfaction.

Network Engineer Intern   *Dec 2017 – Apr 2018*
Aries Telecoms, Kuala Lumpur

- Managed server networks and related infrastructure to ensure smooth operations.
- Successfully resolved a range of hardware and software issues, maintaining uninterrupted service.
- Optimized network performance through proactive monitoring and troubleshooting.
- Documented network configurations and procedures to facilitate knowledge sharing and ensure continuity of operations.

EDUCATION

General Assembly Australia | Oct 2023 - Dec 2023

Software Engineering Immersive

Vocational College ERT Setapak, Kuala Lumpur | Sep 2014 - Jul 2017

Diploma in Computer Systems & Network Technology

CERTIFICATION

OpenEDG Python Insitute | Jan 2024

PCEP – Certified Entry-Level Python Programmer certification

OpenEDG Python Insitute | Feb 2024

PCAP – Certified Associate in Python Programming

PROFESSIONAL PROJECTS

AskMyGov (Next.js + Django + NextAuth + Elasticsearch + OpenAI Semantic Search):

- Built a custom admin dashboard to streamline answering citizen queries efficiently.
- Developed a user-friendly form where citizens can submit their questions after searching the database to avoid duplication.
- Integrated Elasticsearch and OpenAI Semantic Search Embeddings for accurate and intelligent search results.
- Implemented multilingual support using i18n to cater to diverse language needs.
- Leveraged NextAuth for secure user authentication and session management for admin dashboard.

SiaranGovMy (Next.js + Payload) :

- Designed and developed a custom admin dashboard for posting press releases and announcements.
- Created a schema in Payload CMS tailored to meet specific project requirements.
- Enabled citizens to search for press releases efficiently using Payload's built-in search plugin.
- Added multilingual support with i18n to ensure accessibility for a wider audience.

PERSONAL PROJECTS

CommuniTalk (MERN Stack) :

- Created 'CommuniTalk', a real-time social networking platform with secure user authentication, instant messaging, and group chats.
- Integrated community posting capabilities within a React.js front-end for enhanced user engagement.
- Utilized Node.js, Express, and MongoDB for robust backend operations, ensuring efficient data management.
- Implemented WebSocket for live communication, significantly improving user interaction and connectivity.

Restaurant Food Review Web Application (Express.js) :

- Developed a comprehensive food review website using Express, MongoDB, and Passport-Local for authentication.
- Integrated Cloudinary for image storage, enabling users to post reviews and edit their profiles for public viewing.
- Users can update their reviews, fostering an interactive community for food enthusiasts to share experiences and recommendations.

Hospital Management System (Django) :

- Developed an integrated Hospital Management System to streamline hospital operations, handling patient information, appointments, and administrative tasks.
- Designed patient features to view/update personal and medical info, request appointments, and access records submitted by doctors.

- Enabled manager functions for overseeing operations, staff management, assigning doctors and scheduling appointments, and managing patient records.
- Provided doctors with access to patient medical records, appointment management, prescription capabilities, and a comprehensive view of treated patients.
- Utilized Django framework and PostgreSQL for robust backend development, with secure authentication and password hashing for data security.

Inventory Management System (MERN Stack) :

- Engineered a user-friendly Inventory Management System utilizing React for front-end and Express for backend functionality, deployed on Heroku.
- Enabled user authentication and authorization features to ensure secure access, with enhanced privileges available for admin users.
- Implemented product management capabilities, allowing users to list, sort, add, edit, and remove products within the inventory.
- Administered exclusive admin controls for managing the inventory, including adding new products, and editing or deleting existing ones.

SKILLS

SOFT SKILLS	PROGRAMMING SKILLS		LANGUAGE
• Communication	• Python	• GitHub	• Malay
• Work Ethic	• Django	• Express.js	• English
• Problem Solving	• JavaScript	• MongoDB	
• Teamwork	• Node.js	• PostgreSQL	
• Critical Thinking	• React.js	• Flask	
• Time management	• Next.js	• Payload	
	• ElasticSearch	• Tailwind	
	• Rest API	• NextAuth	
	• Server Side Render	• Shadcn UI	
		• i18N	

REFERENCES

Mr Farhan – Tech Lead at GovTech Malaysia
Contact: farhan.gunz@gmail.com

Mr Yusoff – Business Operations at Heritage One Stop Travel & Tours
Contact: + 6010-555 0905 (Personal Private Number)

Human Resource Department at Aries Telecoms (Now defunct)
Contact: enquiry@ariestelecoms.com.my | + 603 7781 7788

Mr Christopher Holt – Lecturer at General Assembly Melbourne, Australia
Contact: holt.christopher1@gmail.com | https://www.linkedin.com/in/cjholt/