



# DanialThaqif Bin Mohamed Fikri

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Portfolio: [qep25.github.io](https://qep25.github.io)

## ABOUT ME

Computer Science graduate with practical experience in data analysis, AI integration, and full-stack web development. Developed and deployed real-time applications, automated workflows, and NLP-based systems during academic and industry projects. Skilled in tools like Python, TensorFlow, REST APIs, and Cloudflare, with a proven track record of contributing to efficient, scalable solutions in collaborative environments, actively advancing expertise in intelligent systems and emerging technologies through hands-on project work.

## EDUCATION

### Bachelor of Computer Science (Hons.)

Mar 2023 - June 2025

*Universiti Teknologi Mara (UiTM), Shah Alam*

- Current CGPA: 3.39
- Relevant Courses: Software Engineering, Data Structure, Discrete Structures, Algorithm Analysis and Design, Data Mining, Data Visualization, Statistics
- Awards & Honors: Dean's List (1 out of 3 Semesters)
- Activities and Societies: Young Officer of Komander Kesatria, Program Director of International Webinar, Participant in Kayak Expedition (30KM at Pulau Pangkor), Member of Student Leadership and Youth Development Programs

### Diploma In Computer Science

Oct 2020 - Feb 2023

*Universiti Teknologi Mara (UiTM), Kuala Terengganu*

- Total CGPA: 3.59
- Relevant Courses: Object Oriented Programming (Java), Introduction to Probability and Statistics, Discrete Mathematics, Visual Programming
- Awards & Honors: Dean's List (4 out of 5 Semesters)
- Activities and Societies: Komander Kesatria Member (Commanding Officer for Terengganu, Awarded Terengganu Branch Best Komander)

## WORK EXPERIENCE

### Data Science and Artificial Intelligence Intern

Mar 2025 - June 2025

*Aga Touch Sdn. Bhd., Shah Alam*

- Created a document-based chatbot using Cloudflare Workers, Python, and REST API, automating over 70% of support queries.
- Launched a real-time project tracking tool with Gantt chart and matrix views via Streamlit, enhancing team efficiency by 30%.
- Built and integrated 2+ web applications using Laravel and Flask for internal tools and data visualization.
- Extracted and analyzed raw data from 5+ online sources using NLTK, spaCy, and Hugging Face for insights and campaign research.
- Applied Named Entity Recognition (NER) techniques to identify and classify 200+ keywords, aiding message targeting.
- Experimented with LLM APIs for creative generation tasks, including image and video prototyping.
- Automated workflows through n8n, linking Google Sheets, Cloudflare, reducing reporting effort by 40%.
- Collaborated across project teams to support AI-driven content strategies used in final stakeholder presentations.

## **Khazanah Youth Development Programme (K-Youth)**

Aug 2024 - Sep 2024

Khazanah Nasional Berhad, Kuala Lumpur

- Completed 129 hours of intensive training in industry-relevant skills through online modules.
- Scored a 100% pass rate in assessments, demonstrating proficiency in technical and analytical competencies.

## **Web Design and Digital Marketing Internship**

Sep 2022 - Feb 2023

Tycoon IM Sdn Bhd, Puchong

- Gained 5 months of hands-on exposure to WordPress website development and digital marketing operations.
- Assisted in revamping 3 WordPress-based websites, improving site usability and responsiveness.
- Delivered high-quality design work across multiple projects, contributing to client satisfaction and timely launches.
- Executed SEO optimization across 4+ pages, enhancing search visibility for company content.
- Ran 5+ full-cycle marketing campaigns, helping to boost user engagement and online reach.

## **SKILLS**

- Programming Languages: C++, Java, Python, PHP, SQL, CSS
- Web Development: WordPress, Figma, HTML, CSS, JavaScript, MySQL, Node.js, Bootstrap, Streamlit, Laravel, Flask
- Tools & Platforms: Jupyter Notebook, Git/Github/Git Lab, Oracle SQL Developer, SQL, Weka, Power BI, Azure, Obsidian, Cloudflare
- AI & Machine Learning: TensorFlow, Keras, PyTorch, CNN, Scikit-learn, OpenCV, Pandas, LLM, NER, API, RestAPI
- Soft Skills: Leadership, Communication, Teamwork, Multitasking, Problem-Solving, Critical Thinking
- Languages: Malay (Native), English (Intermediate), Japanese (Basic)

## **PROJECTS**

### **Customer Emotion Recognition Application (Final Year Project)**

Mar 2024 - Jan 2025

- Engineered a Python-based emotion recognition system with TensorFlow and CNNs, achieving 94% validation accuracy and 92% test accuracy across 35,000+ image samples.
- Integrated real-time facial analysis into a user-friendly app to assist supermarket staff in customer service personalization.

### **Shape Classification System**

Mar 2023 - Aug 2023

- Constructed a CNN-powered shape recognition tool with Keras and TensorFlow, reaching 97.81% accuracy across 5 categories.
- Demonstrated real-time classification via Jupyter Notebook for educational and industrial applications.

### **CORSX Malaysia Online Store System**

Mar 2022 - Aug 2022

- Programmed a full-stack e-commerce system using PHP and Oracle SQL Developer for inventory and order management.
- Delivered a user-friendly interface and backend dashboard, supporting 3 types of user roles and streamlining operations.

## **LICENSES & CERTIFICATIONS**

- **Cybersecurity Basics** – edX
- **Microsoft Certified: Azure AI Fundamentals** - Microsoft