

Karim Abdul Aziz Chatab

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Portfolio: <https://karimazizc.github.io/Portfolio/> (open to see projects)

Citizenship: Indonesian

WORK EXPERIENCE

GEOMOTION

Kuala Lumpur, Malaysia

Data Engineer

March 2025 – May 2025

- Developed and maintained current backend data pipelines using Python, Django, Redis, Celery, AWS, and AWS CDK for infrastructure management.
- Automated data transfer and processing tasks via FTP servers and scheduled job queues using Celery, improving data delivery reliability.
- Created comprehensive system documentation for key Python scripts and backend workflows, ensuring clear references for future development and debugging.
- Visualized database structures using DBDiagram and explained full backend data flow and codebase logic through Miro diagrams, enabling the team to understand system architecture, data relationships, and operational logic effectively.

WHISTLE.COM

Kuala Lumpur, Malaysia

Founder & Chief Technology Officer (CTO)

June 2024– February 2025

- Co-founded and led the technical strategy for whistle.com, delivering services in ads management, web development, social media management, and social listening analytics, generating RM7,600 revenue within the first 3 months from 7 projects.
- Architected and deployed a proprietary SaaS data analytics and media monitoring platform built with Django, Python, BeautifulSoup, Playwright, Selenium, Redis, Celery, and more, processing over 15,000 news and social media posts monthly with report generation using open source LLM models such as ollama and deepseek.
- Developed and maintained 5 custom CMS projects using Django, Wagtail, cPanel with LiteSpeed Web Server on Ubuntu servers, improving client website management efficiency by 40% and managing 3 production servers handling up to 200 background tasks daily.
- Led a compact team of 1 co-founder and 1 employee, overseeing product development, infrastructure decisions, deployment, client delivery, and company growth roadmap.

ENZEE

Kuala Lumpur, Malaysia

Data scientist and analyst

January 2024 – April 2024

- Utilizes Python's web scraping library such as selenium, beautifulsoup, requests, and chromedriver to scrape news websites information and social media metrics across facebook, youtube, instagram, twitter and xiao hong shu.
- Create Tableau and R for data visualization and interactive dashboards for clients.
- Calculate the sentiment score of text data across client's customers interaction and news articles regarding the brand.
- Lead the intern in programming and data storytelling in python and teaches other colleague in the intelligence department to utilize web scraping code.

MONASH UNIVERSITY

Melbourne, Australia

Monash Warwick Alliance Internship

June 2023 – July 2023

- Contributed to brainstorming sessions, leveraging diverse perspectives via Microsoft Teams to devise innovative strategies for addressing company challenges.
- Played a key role in refining and implementing solutions, harnessing the collective global knowledge of the team via Microsoft Teams for effective problem-solving within the international work environment.

METROPOLIS RESEARCH

Melbourne, Australia

Survey Data Collector

March 2023 – June 2023

- Conducted comprehensive door-to-door surveys across suburban areas to gather crucial insights.
- Conducted over 500 telephone surveys within the greater Melbourne area, utilizing persuasive language to achieve a 71.3% response rate.
- Streamlined data entry process from the responses using excel and google spreadsheets.

OESON

Melbourne, Australia

Data Scientist

January 2023 – March 2023

- Developed a deep learning model utilizing TensorFlow to improve multiclass image classification accuracy by 20% compared to previous models.
- Led the implementation of an AWS-based cloud infrastructure for deploying machine learning models.
- Uses Google Collab to walkthrough findings, utilizing Python, R, and SQL for queries.

GAOTEK
Business Development

Melbourne, Australia
May 2023 – June 2023

- Submit proposals to clients and execute the given task accordingly to client's request.
- Scouting for potential clients through linkedin utilizing Apollo. Then contact them through email.
- Pitch to clients and promote out products and services, returning a 3% success rate from 567 contacts.

EDUCATION

MONASH UNIVERSITY
Major in Business Analytics | Department of Econometrics and Business Statistics
Cumulative **GPA: 3.62/4**

Malaysia / Australia
June 2021 – May 2025

WARWICK UNIVERSITY
Exchange Program (One Semester)
Modules taken: Lean Startup, International Financial Management, Entrepreneurial Finance Ventures.

United Kingdom
Sept 2023 – December 2023