



TAHER ALKAMEL

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With over 5 years of experience designing, building, and scaling robust backend systems, I specialize in Python, Ruby, Go, and modern web technologies. Passionate about open-source software and minimalist solutions, I lead teams to deliver clean, efficient, and impactful code.

EXPERIENCE

tigerlab

Principal Software Engineer

Köln, Germany / Kuala Lumpur, Malaysia

2025 - Present

- Drive technical strategy, architecture, and platform direction for large-scale products serving Europe and the USA.
- Lead backend teams, mentor Technical Leads and developers, ensuring engineering excellence, scalability, and reliability.
- Architect complex systems, multi-region infrastructure, and high-impact refactoring initiatives.
- Oversee DevOps, CloudOps, and security practices including containerization, CI/CD pipelines, and infrastructure automation.
- Partner with product, client stakeholders, and leadership to translate business goals into engineering roadmaps.

Backend Technical Lead

2022 - 2025

- Developed and maintained features for multiple clients across Europe and the USA.
- Mentored junior developers, fostering their technical growth and best practices.
- Designed and implemented architecture for greenfield projects.
- Enhanced DevOps infrastructure through containerization and automation initiatives.
- Led client communication via bi-weekly calls and structured scrum ceremonies.
- Introduced Docker containerization and built fully open-source self-hosted CI/CD pipeline.

Finology

Full-Stack Software Engineer

Kuala Lumpur, Malaysia

2020 - 2022

- Built and maintained personal finance and insurance aggregation platforms using Ruby on Rails.
- Developed Django-based insurance APIs enabling partners to generate multi-insurer quotations.
- Designed and maintained fully automated DevOps pipeline with Linux, Docker, Kubernetes, and Drone CI.

Aonic

Software Engineer

Cyberjaya, Malaysia

2019 - 2020

- Built interactive geospatial mapping tools using Azure, JavaScript, C#, and ASP.NET.
- Created custom QGIS plugins using Python and PyQt for enhanced GIS workflows.
- Reduced drone mapping costs by deploying OpenDroneMap solution with Docker, C#, and Bash automation.

PROJECTS

BucketBird – Open-Source S3 Explorer *S3, Go, React, Docker, Open Source*
github.com/s3-bucketbird/bucketbird
A lightweight, minimal, open-source S3 explorer with a clean UI and secure deployment model.

EDUCATION

National University of Malaysia (UKM) BSc Software Engineering (Hons)	Bangi, Malaysia 2016 - 2020
University of Science & Technology (UST) BSc Telecommunication Engineering (incomplete)	Sanaa, Yemen 2015 - 2016

AWARDS & CERTIFICATES

Certified Professional in Requirements Engineering (CPRE) International Requirements Engineering Board (IREB) · Certification ID: MY-CPRE-FL-2018-00017	January 2018
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SKILLS

Backend & APIs:	Django, RESTful APIs, Ruby on Rails, PHP, Next.js, Node.js
Programming Languages:	Python, JavaScript, Golang, Ruby
DevOps & Cloud:	Linux (RHEL, Ubuntu, OpenBSD, Alpine), Docker, Kubernetes, AWS, Azure, CI/CD (Drone CI, Git, Docker pipelines)
Geospatial & Computer Vision:	PyQGIS, OpenCV, Drone mapping, OpenDroneMap
Languages:	English, Arabic, German, Malay
Requirements Engineering:	Requirements analysis, Specification, Documentation, Stakeholder communication