

Miguel Alkhoury

Cloud & Systems · Cybersecurity · Maritime Technology

Mazraat Yachouh, Lebanon | +961 70 321 552 | miguelkhoury01@hotmail.com

LinkedIn: <https://www.linkedin.com/in/miguel-khoury-b651b519b/> | GitHub: <http://www.github.com/miguellkhoury> | Portfolio: <https://miguelalkhoury-portfolio.netlify.app/>

PROFESSIONAL SUMMARY

Computing with Business graduate (Arab Open University, 2026) and **AWS Certified Solutions Architect** with hands-on experience in cloud infrastructure, operational systems, and data management. Combines a strong academic foundation in software engineering, databases, and business computing with real-world maritime operations experience — an unusual profile that bridges **systems thinking, structured data workflows, and operational execution**.

Proficient in Node.js, Python, SQL, PostgreSQL, and Supabase — with independently deployed full-stack applications to production. Active interest in **cloud security, DevOps practices, and scalable system design**. Currently deepening expertise in Docker, Linux administration, and network security to transition into a cloud or systems engineering role.

Certified Yacht Master with multilingual communication skills (English, Arabic, French, Greek) and a track record of delivering reliable, data-driven operational systems under real-world conditions.

EDUCATION

BSc Computing with Business

Oct 2022 – May 2026

Arab Open University · Lebanon

Key Modules:

- ÷ Software Engineering (TM354) — requirements engineering, UML, OCL, software lifecycle models
- ÷ Databases & Information Systems — relational design, SQL querying, data modelling
- ÷ Web Technologies — HTML/CSS, JavaScript, REST architecture
- ÷ Computing & IT (TM129) — Linux administration, networking fundamentals, Python
- ÷ Business Computing — operational systems, organizational processes, enterprise applications

MSc Interior Yacht Design

Sep 2025 – May 2026

Italian Design Institute (IDI)

Graduation Project — Odyssey (36m Motor Yacht Interior Design):

- ÷ Designed full four-deck interior for a 36-metre superyacht using AutoCAD and Photoshop
- ÷ Produced technical drawing sets including floor plans, ceiling plans, electrical layouts, LSA and speaker/plenum schematics
- ÷ Developed comprehensive FF&E sourcing, lighting design, and material specifications
- ÷ Delivered 47-slide design presentation and 13-page technical report to IDI compliance standards

TECHNICAL SKILLS

Cloud & Infra

AWS (Solutions Architect – Associate) · Cloud Computing Concepts · Supabase · PostgreSQL · Serverless Architecture

Security & Net.

Cybersecurity Fundamentals · Networking Basics (TCP/IP, DNS, HTTP) · Ethical Hacking Concepts · Linux CLI

Development

JavaScript ES6+ / Node.js / Express.js · Python · SQL · REST APIs · HTML / CSS · Git / GitHub

Databases	PostgreSQL · Supabase (Row Level Security, Auth) · SQL Queries & Schema Design · Data Modelling
Tools & Ops	GitHub · VS Code · IntelliJ IDEA · Excel (Advanced) · Render · Netlify · Workflow Automation
Concepts	Agile / Scrum · Software Lifecycle Models · UML / Requirements Engineering · ATS-Optimised Documentation
Learning Now	Docker · Linux Administration · AWS Advanced · Cloud Security · Networking (CCNA Concepts)

PROFESSIONAL EXPERIENCE

Operations Coordinator

Apr 2026 – Present

Phoenician Manning Agency · Kaslik, Lebanon

- ÷ Coordinated operational workflows, crew scheduling, and multi-stage recruitment processes across cloud-based and internal management platforms.
- ÷ Managed structured candidate data pipelines and implemented workflow optimizations to improve operational efficiency and data accuracy across recruitment cycles.
- ÷ Maintained digital records and reporting systems using database-driven tools, ensuring data reliability and audit-ready documentation.
- ÷ Collaborated cross-functionally to streamline communication protocols, assignment tracking, and operational coordination between HR, maritime personnel, and international agents.
- ÷ Supported day-to-day system operations encompassing databases, cloud-based administrative platforms, and structured information workflows.
- ÷ Contributed to process documentation, SOP development, and continuous improvement of internal operational systems.

SAR Coordinator

Oct 2025 – Apr 2026

International Maritime Academy – Lebanon · Kaslik, Lebanon

- ÷ Coordinated scheduling, operational workflows, and structured record management within a certified maritime training environment.
- ÷ Maintained and organized digital records, trainee databases, and internal coordination systems to ensure operational efficiency and regulatory compliance.
- ÷ Assisted in workflow tracking, progress reporting, and inter-departmental communication between training coordinators and maritime personnel.
- ÷ Managed organized operational documentation and supported day-to-day administrative systems, reducing information retrieval time and improving accuracy.
- ÷ Liaised with maritime professionals and trainees to ensure timely completion of SAR certification requirements and administrative processes.

SAR Record Officer

Sep 2024 – Oct 2025

International Maritime Academy – Lebanon · Kaslik, Lebanon

- ÷ Managed and maintained structured operational records, trainee documentation, and certification data within maritime administrative systems.
- ÷ Assisted in data organization, reporting workflows, and information accuracy across internal platforms, supporting compliance and audit readiness.
- ÷ Processed and tracked documentation across training programs, ensuring data integrity and timely record updates in accordance with IMO standards.
- ÷ Supported documentation workflows, communication coordination, and day-to-day operational record management across the academy's administrative infrastructure.

Virtual Assistant

Apr 2024 – Oct 2025

IBC Group – International Blockchain Consulting · Beirut, Lebanon (Remote)

- ÷ Provided analytical and administrative support for blockchain and digital asset consulting operations in a fast-paced remote environment.
- ÷ Managed scheduling, digital communications, and data coordination across multiple platforms, maintaining accuracy and responsiveness.
- ÷ Researched and compiled industry data, market trends, and technical information to support consulting deliverables and client reports.
- ÷ Applied customer service principles and analytical skills to coordinate project tasks and internal team communication workflows.

Operation Officer

Oct 2023 – Sep 2024

Phoenician Manning Agency · Kaslik, Lebanon

- ÷ Supported end-to-end recruitment operations, candidate management, and workflow coordination within maritime staffing processes.
- ÷ Maintained operational records, structured databases, and reporting workflows to ensure data consistency and organizational accuracy.
- ÷ Assisted in process optimization initiatives, reducing manual administration burden through improved documentation and workflow tracking.
- ÷ Coordinated scheduling, documentation handling, and communication flows between departments, vessels, and maritime personnel.
- ÷ Contributed to efficient workflow execution through organized data management, operational tracking, and performance monitoring support.
- ÷ Developed proficiency in maritime HR systems, candidate databases, and reporting platforms used in crewing operations.

Deckhand

Feb 2023 – Oct 2023

Sea Pros Yachts · Lebanon

- ÷ Delivered professional maritime operations support including vessel navigation assistance, safety management, and equipment maintenance.
- ÷ Operated communication systems, navigation tools, and onboard safety equipment in compliance with maritime regulations.
- ÷ Developed practical maritime competencies including watch-keeping, passenger safety briefings, and emergency procedure execution.

Store Keeper

Jan 2022 – Jun 2022

Khonaysser Group · Lebanon

- ÷ Maintained accurate inventory records and stock management systems to support retail operational continuity.
- ÷ Monitored sales data, restocked inventory according to demand patterns, and maintained organized storage systems.

PROJECTS

AutoLinker — Maritime Professional Networking Platform

Node.js · Supabase · PostgreSQL · Row Level Security · Netlify · REST APIs

- ÷ Full-stack maritime networking platform ('LinkedIn for seafarers') connecting Candidates, Academies, Agencies, and Admins through role-specific dashboards.
- ÷ Engineered a 12-table PostgreSQL backend on Supabase with Row Level Security (RLS), ensuring data isolation and access control per user role.
- ÷ Implemented a Crew Readiness Index (CRI) algorithm, job matching logic, real-time messaging, and document management features.
- ÷ Deployed on Netlify; developed commercial proposal positioning AutoLinker as a SaaS product (AutoLinker Plus at \$16.99/month).
- ÷ Produced full submission package: HTML prototype, admin panel, technical report, PowerPoint, and partnership proposal to IMA Beirut.

PawCode — QR-Based Lost Pet Recovery Application

Node.js · Express.js · PostgreSQL · Render · QR Code Generation

- ÷ Built a full-stack QR-based pet recovery platform enabling owners to register pets with digital profiles and QR-encoded tags.
- ÷ Developed real-time owner notification system triggered on QR scan, providing secure contact routing without exposing personal data.
- ÷ Deployed backend API on Render; designed database schema for pet profiles, scan events, and contact records.

Odyssey — 36m Motor Yacht Interior Design (IDI Graduation Project)

AutoCAD · Photoshop · Technical Drawing · FF&E Specification · Lighting Design

- ÷ Designed a complete four-deck superyacht interior for a 60-70-year-old owner profile — concept: "Timeless. Elegant. Refined."
- ÷ Produced full technical drawing set: floor plans, ceiling plans, tile layouts, electrical socket plans, ventilation plenums, LSA, and speaker schematics.
- ÷ Managed full-scale project from concept development through technical documentation, FF&E sourcing, and IDI compliance deliverables.

CERTIFICATIONS & LICENSES

AWS Certified Solutions Architect – Associate	Udemy	Feb 2026
AI Engineering Masterclass: Zero to AI Hero	Udemy	Mar 2025
Cybersecurity Webinar — How to Land My First Cyber Security Job	Semicolon Security	Jan 2026
Webinar Inside the Mind of Ethical Hackers	Semicolon Security	Nov 2025
Diploma in Operations Management (Ops)	Alison	Nov 2023
IT Management – Software and Databases	Alison	Oct 2023
Data Analytics – Mining and Analysis of Big Data	Alison	May 2021
Yacht Master Certificate (YMO)	International Maritime Academy – Lebanon	Jun 2019

ADDITIONAL INFORMATION

Languages

- ÷ English — Fluent
- ÷ Arabic — Native
- ÷ French — Fluent

Interests & Memberships

- ÷ Cloud Infrastructure & Security Architecture
- ÷ Maritime Technology & Digital Transformation
- ÷ Systems Engineering & DevOps Practices
- ÷ Les Scouts du Liban — Groupe Notre Dame du Rosaire (Scout Leader)