

# Ismail AlKamal

FOUNDER | CEO | MENTOR

[ismailalkamal.com](https://ismailalkamal.com)



A multidisciplinary engineer and leader with a deep passion for delivering complex projects in construction and technology scaling to over \$20 Million in annual revenues.

## PROFESSIONAL EXPERIENCE

### Chief Executive Officer

2012 - Present

Nawatt, United Arab Emirates, Saudi Arabia, Türkiye

- Managed and owned multiple portfolio companies with 50+ employees and current annual turnover of \$9.5 Million and projected in 2026 at over \$20 Million.
- Developed Masteri, an enterprise asset management software solution for commercial real estate in Saudi Arabia and the UAE currently managing over 10 Million assets with clients including the Saudi Public Investment Fund (PIF), Jabal Omar Development Company (JODC), Olayan Group, Seera Holding and Al Nabooda Group.
- Grew a construction portfolio of major hotel developments in Saudi Arabia including the Mandarin Oriental Riyadh, Chedi AlUla, Clarion Jeddah & AlBaha, Comfort Jeddah & Riyadh, Sheraton, Hilton, Conrad, Garden Inn, Embassy Suites, Address, Hyatt, Marriott, Address, Jumeirah, Rotana, Movenpick, Four Points, Park Inn, Raffles and Fairmont Makkah.
- Consulted globally on multiple enterprise software and IoT solutions notably for Provision, Intelligent Transport Systems & Solutions (ITSS), and the Center for Sensor Systems at the University of Siegen.
- Invested in multiple businesses including Dropby (IoT), Wahed (Fintech) and Zawaia (Interior Design).

### Chief Information Officer, Planewatch

lotviation, USA

2021 - Present

- Designed and implemented a full system architecture (HW+SW) for patented security cameras for private jets.
- Tech Stack JavaScript, NodeJS, C, DynamoDB, S3, Lambda, Kinesis Video Stream, WebRTC, Internet of Things (IoT) Simple Notification Services (SNS), Simple Queue Service (SQS), WebSocket, MQTT, H.265 (HEVC) Application Video Processor (Ingenic T31), LTE 4G, WiFi, Bluetooth, Sensor Fusion

### Mentor, Chief Product Officer & Professional Certificate Program in Industry 4.0

2023 - Present

MIT Professional Education, USA

### Mentor, Fullstack JavaScript Developer & Intermediate JavaScript

2022 - Present

Udacity, USA

### Founder & Lead Engineer

2009 - 2012

Nawatt Labs, Syria

### Adjunct Visiting Faculty, Image Video & Usability Lab

2008 - 2009

Arizona State University, USA

### Teaching & Research Assistant

2005 - 2008

American University of Beirut, Lebanon

## EDUCATION

### Master of Engineering in Electrical and Computer Engineering

American University of Beirut

### Bachelor of Engineering in Electronics Engineering

University of Aleppo

### Bachelor of Science in Applied Computer Science

University of Colorado Boulder  
GPA 4.0

## CERTIFICATIONS

### Project Management Professional (PMP)

Project Management Institute

### Certified Solutions Architect Associate

Amazon Web Services (AWS)

### Microsoft Certified: Azure IoT Developer Specialty

Microsoft

### Advanced Study Fellow

Massachusetts Institute of Technology (MIT)

## PUBLICATIONS

- Trends in Multicore DSP Platforms**  
IEEE Signal Processing Magazine
- An H. 264/SVC memory architecture supporting spatial and course-grained quality scalabilities**  
IEEE International Conference on Image Processing