

# Khaled Ahmed AlKharashy

Software Engineering, Education

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<https://khaledahmeda.github.io/it/>

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Versatile Full Stack Developer with a strong foundation in software development, IoT, hardware, electronics, networking, and VoIP. Adept at building scalable web applications. Skilled in front-end and back-end development. Possesses a Bachelor's degree in Education, bringing a unique ability to explain complex concepts and collaborate effectively across multidisciplinary teams. Passionate about leveraging technical expertise to drive innovation in IoT and smart technologies.

## Work Experience

### Full Stack Web Developer

Jan 2024 - Jan 2025

*Tax Consultancy | United Arab Emirates*

Working on Developing And Maintaining Performed and Secure Web Applications in Backend and Frontend: Services Digitalization, Agile, Microservices, DevOps concepts and methodology in mind.

### Network Tech Support, Voip, Customer Service

Jan 2022 - Dec 2024

*Telecom ISP, Xceed | Egypt*

Indication and TroubleShooting physical, logical Network Connection faults in Infrastructure, Devices, Security, Implement End To End VOIP Server/System, Virtualization, direct workforce on the land, Customer Service high KPI, high rate Customer satisfaction.

### IoT Apps Developer, Web Development

Aug 2020 - Aug 2021

*ITI | Egypt*

Building and Automating End To End Solutions For Internet of Things and Web Applications.

### Electronics Technician

Sep 2015 - Jul 2019

*Al-Araby Group, Authorized Center | Egypt*

Dealing with Analog/Digital Circuits, SMD/PIN, Switch Mode Power Supply, LCD/LED Screens, CRT TV, Signal receiver, Sound devices, PC/Laptop.

### Teacher, Supervisor

Jun 2013 - Jun 2018

*Private and governmental educational institutions | Egypt*

Dedicated and compassionate educator with extensive experience teaching Sociology and Psychology at primary, secondary and higher education levels. Proven expertise in leveraging advanced IT and computer science knowledge to enhance educational methodologies and streamline practices. Skilled in curriculum development, student engagement, data analysis, and fostering inclusive environments. Adept at utilizing technology to facilitate learning and support vulnerable communities effectively.

## Projects

### IoT & Software Development

Mar 2018 - Feb 2025

Please visit my website to see all projects and further information via this link <https://khaledahmeda.github.io/it/>

## Core Skills

Javascript, Typescript: Reactjs, Nextjs, Nodejs, Nestjs, Python, Django, PHP: Laravel, CodeIgniter, WordPress, Web Server: Apache, NGINX, Git/Github, Containerization, Docker, C#, .NET Core, Linux OS, MySQL, MongoDB, HTML, CSS, Bootstrap, TailwindCSS, JQuery, Figma, Network, Devices/Terminals, Network Security and Virtualization, Voice Over IP - VOIP, Landlines, PBX, Low Level Programming, Bash Scripting, TCP/IP, DNS, DHCP, NAT, VLAN, QoS, SIP, Trunks, Cisco Unified Communications Manager (CUCM), MQTT, Bluetooth Low Energy (BLE), Wi-Fi, LoRaWAN, SigFox, Narrowband, Arduino, ESP32, MicroChip PIC16F87XA, Proteus, C Language, ANSI, MikroC, Problem Solving, Electronics Circuits, Analog and Digital, Hardware, Curriculum Design & Delivery, Educational Technology Integration, Mental Health Advocacy, Community Outreach & Development, Quantitative & Qualitative Research, IT & Computer Science Applications in Education, Case Management & Counseling, Data Analysis & Visualization Tools

## Education

<b>Information Technology Institution</b>	Aug 2020 - Aug 2021
Technical Diploma Software Engineering, IoT	
<b>Egyptian University</b>	Jun 2015 - Jul 2016
Higher Diploma Education, Management, Technology	
<b>Egyptian University</b>	Jul 2011 - Jul 2014
Bachelor Sociology and Anthropology	

## Languages

Arabic (*Native*), English (*Fluent*)

## Certificates

<b>Technical Training ( Online ) - Industrial IoT</b>	Jun 2022
Google Cloud	