

KAREZ ABDULWAHHAB HAMAD

Software Engineer

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🎓 Karez Hamad |  Karez Hamad |  31 Years of age

🏠 Soran, Erbil (Kurdistan Region), Iraq

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PROFESSIONAL SUMMARY

Software Engineer with over 9 years of experience and with a demonstrated history of working in the higher education industry, Software development, Networking projects, and ERP systems. Skilled in Machine Learning, Web Development, Database Design, Operating systems, Networking, Information Analysis, and Mobile Applications. Strong engineering professional with a BSc and MSc Degree focused in Software Engineering, Machine learning and Mobile Applications from Salahaddin University-Erbil and Firat University-Elazig/Turkey recursively.

WORK EXPERIENCE +9 YEARS

IT Manager & Instructor

Jul 2022 - Present

Mergasor Technical Institute/Erbil Polytechnic University • Mergasor, Erbil, Iraq

As Instructor:

- Taught Website Management, Computer Advanced, and Computer Essentials courses in various Semesters at Mergasor Technical Institute – Erbil Polytechnic University.
- Taught various higher education platforms to students and teachers such as Moodle and ECTS platform, University Email Usages, and remote learning platforms (ZOOM & Google Meet), Security factors of social media accounts.
- Member of the Higher Examinations Committee for various semesters and different stages.

As IT Manager:

- Administrating Online education platform (EPU Moodle) for Mergasor Technical Institute (MTI).
- Administrating University Email services for students, teachers and staff of MTI.
- Member of Institute website management committee for handling website issues.
- Member of institute ECTS platform for helping students and teachers in term of utilizing the website.
- Installing and maintaining institute staff attendance system.
- Supervising and issue handling of institute CCTV camera system.
- Installing and maintaining a LAN (Local area network) for distributing internet access for different parts of the institute Building.
- Supervising Computer lab with installing computers and creating a LAN for connecting computers together and Handling issues related to lab equipment.
- Handling various technical issues within the institute such as computer related issues, internet issues, program installing and usages...etc.
- Member of different institute committees such as Scientific committee for technical translation/English department, Zankoline committee, and electronic goods buying committee.

Instructor

Sep 2021 – Present

Rwandz Private Technical Institute • Rwandz, Erbil, Iraq

- taught Digital Marketing & Computer fundamentals to the 2nd stage of IT department and 1st stage of English department.
- Subjects of digital marketing include Email Marketing, social media marketing, SEO, Online advertising, electronic commerce ...etc.

Software Engineer

Dec 2015 – Jul 2022

Iraqi National ID Card / Soran Independent Administration Offices • Erbil, Iraq

- Offices worked in (Soran, Diana, Rwandz, Mergasor, Choman, Barzan, Sidakan, Gallalla and Khalifan).
- Participating with a team from Erbil directorate of nationality & civil status for installing site peripherals.
- A supervisor for administrating networking issues, computer workstation problems, biometric devices and system connections of Soran independent administration offices.
- Worked as Data entry for submitting people information to the Iraqi National ID card System.

Software Engineer & Instructor

Jan 2014 – Jul 2020

Soran University • Soran, Erbil, Iraq

As Instructor:

- Taught Software Engineering course to the 3rd stage students of computer science department between Oct 2017 to Feb 2018.
- Taught Computer fundamentals course to 1st stage students of chemistry department & Social science department between Oct 2018 to Feb 2020.

As Software Engineer:

- Worked at IT directorate from Soran University presidency with a contract for one year+ 3 Months from Jan 2014 to March 2015.
- A member of a team for installing Pearson PTE office at Soran University.
- A member of a committee for designing and creating University ID cards for students, teachers and University staff.
- Designing booklets and brochures for university ceremonies.
- A member for Handling university email services.
- Worked as a technician for solving various computer workstation problems from presidency and faculties.

Instructor

Oct 2018 – Jun 2020

Mergasor Institute for Computer Sciences • Mergasor, Erbil, Iraq

- The institute belongs to the Education Ministry of KRG.
- Two-year contract with the institute for teaching different course.
- Course that taught such as (Linux OS, SQL Server, CMD, Windows Server 2012, Online essentials)
- The course has been taught to the 3rd and 5th stage students.

IT Technician

Mar 2015 – Oct 2015

Cihan Bank • Soran, Erbil, Iraq

- Worked at Soran Office as an IT technician.
- Maintaining Bank system issues based on the instructions of main branch team.
- Supervised Connection and networking jobs of banking devices.
- Administrated technical jobs of ATM machines belongs to the bank.

IT Specialist

Aug 2013 – Oct 2015

Spiba Company • Soran, Erbil, Iraq

- Spiba company is a company for building resources.
- Developed and designed an ERP system for accountant purposes.
- Worked on the system for calculating and creating daily, weekly and monthly profit reports of the company.
- Maintained system and cashier device problems.

EDUCATION

Scientific Title • Assistant Lecturer

7, Nov 2021

Ministry of Higher Education & Scientific Research / KRG • Erbil, Iraq

MSc. Software engineering

Sep 2015 - Jul 2017

Firat University • Elazig, Turkey

Relevant coursework: *Design and Evaluation of Graphical User Interface, Electronic Commerce, Special Topics in Software Engineering, Cyber war and Terrorism, Digital Security, Advanced computer Networking and Machine Learning.*

Master Thesis Research: *An Android Based Receipt Tracker System Using Optical Character Recognition Technology.*

Grade: 93.29%

BSc. Software Engineering

Oct 2009 - Jul 2013

Salahaddin University-Erbil • Erbil, Iraq

Relevant coursework: *Java Programming, OOP, Data Structures, Software Engineering, SQL Database design, Advanced Database, Web Programming, Engineering Analysis, Data Communication, Image Processing, Computer Graphics, Digital Control Systems, Data mining & Data Warehouse and Computer Networks.*

Bachelor Project: *An Online Examination System.*

Grade: 70.957% Rank (5) out of (68) Students.

SKILLS

Programming Languages:

- PHP | JavaScript | C# | Java | Python | C++ | SQL | VB | Java Android Programming

Frontend & Front-end Frameworks:

- Bootstrap | HTML5 | JavaScript | jQuery | CSS | SCSS

Data Storage:

- MySQL | Oracle | RDBMS | NoSQL | SQL Server | MS Access

Software Engineering:

- Software Development & Design | Software Architecture | OOP | Software Testing | Authentication & Authorization | Web Application | Mobile Application | Requirements Engineering | Software Evolution | Security Engineering | Software reuse | Project Management | Project Planning | System Modeling

Networking:

- Network Topologies | IPv4 | LAN & WAN | Routing & Switching technologies | Physical Transmission Medium (Network Cabling) | Wireless & Mobile Networking | DHCP | DNS | Network Security (VPN & Firewall, Authentication) | Internet Protocols | Troubleshooting Tools | Configuration | Monitoring Tools (Wireshark) | OSI | TCP/IP Model | VLAN Networks | Telnet | VoIP | FTP Server | WIFI | The Web & HTTP | IOT | Multimedia Networking | GSM (Little)

Operating Systems:

- Windows (XP, Vista, 7, 8, 10, 11) | Windows Server (2008, 2012) | Linux Ubuntu

Microsoft Office:

- Word | PowerPoint | Excel | Access | Outlook | OneNote | Publisher

PUBLICATIONS

1. A Detailed Analysis of Optical Character Recognition Technology

Date: December 2016

+99 Citation

Publisher: International Journal of Applied Mathematics Electronics and Computers

Link: <https://doi.org/10.18100/ijamec.270374>

LANGUAGES

- **Kurdish:** Mother Tongue
- **English:** Professional
- **Arabic:** Elementary