

# Khalid Jamal Jadaa

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## SUMMARY

Experienced IT Manager with 10 years of experience in managing IT teams, infrastructure, and operations. Proven track record of implementing strategic plans to ensure maximum efficiency of technical resources. Expertise in developing systems and procedures to enhance business processes and operations. Applying for a position as IT Manager at Al-Yarmok University College.

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## EXPERIENCE

### IT Manager

Al-Yarmok University College

April 2020 - February 2023, Diyala

- Monitored and maintained the security of all IT systems and networks, protecting against malicious attacks.
- Analyzed user feedback and implemented changes to improve the customer experience with IT products and services.
- Collaborated with the helpdesk team in the onboarding and training of new employees on the use of IT systems.
- Implemented a comprehensive disaster recovery plan, ensuring the safety of vital data and systems.
- Spearheaded the migration of all enterprise systems to a new virtual platform, resulting in improved system performance.
- Successfully managed the deployment of a company-wide VoIP system, reducing communication costs by over 10%.

### Lecturer

Al-Yarmok University College

October 2013 - February 2023, Diyala

- Developed course materials, such as syllabi, lecture notes, and assignments.
- Advised students regarding course selection and career options.
- Developed and implemented interactive learning activities to engage students.
- Led seminars and workshops on topics related to computer science.

### Software Engineer

Al-Yarmok University College

April 2020 - February 2023, Diyala

- Collaborated with a team of software engineers to design and develop efficient software solutions.
- Maintained and updated existing software applications to ensure they stayed up to date with changing technology.
- Created user interfaces to ensure a user-friendly experience.
- Provided technical support to customers regarding software issues.

### Lecturer

University of Diyala

February 2023 - Present, Diyala

- Taught a variety of courses including Introduction to Computing, Advanced Database Theory, and Web Development at Diyala University for 5 years.
- Mentored students in research and design projects.
- Attended teaching conferences to stay up to date on the latest trends in technology and teaching methods.
- Assessed student performance through written and oral exams.

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## PROJECTS

### Exploring Technological Success Factors of Big Data in E-Learning Systems

University of Diyala • <https://ieeexplore.ieee.org/document/10218073> • February 2023 - August 2023

- Conference Paper

### A Survey for Promising COVID-19 Vaccines: Issues, Advantages, and new Research Directions

Al-Yarmok University College • <https://hivnursing.net/index.php/hiv/article/view/698> • April 2022 - November 2022

- Published Paper

### Multi-Target Detection and Tracking (MTDT) Algorithm Based on Probabilistic Model for Smart Cities

Al-yarmok University college • <https://iopscience.iop.org/article/10.1088/1742-6596/1755/1/012043> • February 2021 - November 2021

- Conference Paper

### Technology Elements that Influence the Implementation Success for Big Data Analytics and IoT- Oriented Transportation System

Al-Yarmok University College • <http://www.warse.org/IJATCSE/static/pdf/file/ijatcse74852019.pdf> • March 2019 - December 2019

- Published Paper

### Discovering XML Conditional Dependencies for Data Quality Issues

Al-Yarmok University College · <https://www.ejece.org/index.php/ejece/article/view/156> · March 2020 – November 2019  
· Published Paper

### **Discovering the Implementation Success Factors for IoT and Big Data Analytics in Transportation System**

Al-Yarmok University College · June 2019 – November 2019  
· Conference paper

### **A Methodology for Big Data Analytics and IoT-Oriented Transportation System for future implementation**

Al-Yarmok University College · <http://www.warse.org/IJETER/static/pdf/file/ijeter087112019.pdf> · April 2019 – November 2019  
· Published Paper

### **DETECTION AND TRACKING SURVEY FOR SMART HOME USING WIRELESS SENSOR NETWORK**

Al-Yarmok University College · <https://medwelljournals.com/abstract/?doi=jeasci.2019.3119.3129> · March 2019 – November 2019  
· Published Paper

### **Multi Objects Detection and Tracking System for Smart Home using Wireless Sensor Network**

Al-Yarmok University College · <http://www.warse.org/IJATCSE/static/pdf/file/ijatcse86852019.pdf> · April 2019 – October 2019  
· Published Paper

### **Object Detection and Localization Using Wireless Sensor Networks Based On Probabilistic Model**

Al-Yarmok University College · <https://www.jardcs.org/backissues/abstract.php?archiveid=6596> · January 2018 – August 2018  
· Published Paper

### **Priority of Kaplan Turbine and Small Hydropower Plants over Other Resources: An Overview**

Al-Yarmok University College · <https://medwelljournals.com/abstract/?doi=jeasci.2017.8695.8705> · May 2017 – November 2017  
· Published Paper

### **THEORETICAL MODELLING OF EFFICIENT TRAJECTORY-BASED MOVING OBJECT TRACKING**

Al-Yarmok University College · <http://www.sci-int.com/pdf/636307013771104888.pdf> · February 2017 – September 2017

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## **EDUCATION**

### **Ph.D. of Computer Engineering**

University Malaysia Perlis · Malaysia · 2021

### **Master of Software Engineering**

Staffordshire University · Malaysia · 2012 · 3.88

### **Bachelor in Computer Engineering Techniques**

Al-Yarmok University College · Diyala · 2010 · 3.89

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## **CERTIFICATIONS**

### **Software Quality Assurance**

Asia Pacific University · 2012

### **Interaction Design**

APU · 2012

### **Data base management**

APU · 2012

### **Project management**

Asia Pacific university · 2011

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## **COURSEWORK**

### **Software Engineering Support Environment**

APU · 2012

### **Research Methods**

APU · 2012

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## **SKILLS**

Teamwork, Leadership, Work ethic, Time management, Problem-solving

Wireless Networking, Software Design, Teaching, Project Managem, Troubleshootingent,