

# Khalid Mohamed Salman

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🔗 khalid-salman 🔗 Portfolio 🛡 Postponed

## Objective

Entry-level DevOps Engineer with a strong foundation in automation, infrastructure management, and CI/CD pipelines. Proficient in tools like Docker, Kubernetes, and Jenkins, with hands-on experience in building and maintaining scalable cloud infrastructure.

## Education

**Bachelor of Computer Engineering and Software Systems,** 02/2019 – 02/2024  
*Faculty of Engineering Ain Shams University*

## Professional Experience

**IT Technical Support, Smart Project** 🌐 03/2022 – present

- Installed, configured, and maintained interactive smart panels, provided technical support, troubleshooting, and performed firmware and application updates to ensure optimal performance and security.

## Internships

**Cloud Foundations Intern, Orange Egypt** 03/2023

- Completed a 3-week internship on cloud technologies, gaining hands-on experience in cloud infrastructure, deployment strategies, and cloud management tools for scalable and secure environments.

**IoT Fundamentals Intern,** 10/2021  
*National Telecommunications Institute (NTI)*

- Completed a 1-month internship on Cisco IoT fundamentals, gaining practical skills in IoT architecture, protocols, device connectivity, data communication, and automation systems.

## Volunteer Experience

**Student Union Representative, Google Developer Student Club** 01/2021 – 09/2023

- Organized and led events and workshops to enhance student engagement and development, collaborating with faculty to address academic concerns and improve campus life.

**Team Match Organizer, Africa Cup of Nations, Egypt 2019** 07/2019

- Coordinated team logistics and match operations during the tournament, working closely with international teams to ensure smooth communication and efficient execution of match-day activities.








## Courses

**DevOps Engineer, Ministry of Communications** present

**AWS Academy Cloud Foundations, AWS Academy** 🌐 02/2024

**Google IT Support Professional Certificate, Google Career** 🌐 02/2024

**Flutter Advanced Course Bloc and MVVM Pattern, udemy** 12/2023

<b>Google UX Design Professional Certificate</b> , <i>Google Career</i> 	12/2023
<b>Flutter Development</b> , <i>Google Developer Student Clubs</i> 	08/2023
<b>Cloud-Based Networking Training</b> , <i>Orange Egypt</i> 	03/2023
<b>CCNA-Introduction to Networks</b> , <i>NTI</i> 	08/2022
<b>Web Development Challenger</b> , <i>Udacity - Egypt FWD</i> 	03/2022
<b>Cisco - IOT Fundamentals Connecting Things</b> , <i>NTI</i> 	10/2021
<b>Android Development Booster</b> , <i>Sprints</i> 	12/2020

## Projects

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### **Automated Deployment Pipeline by Jenkins and Docker** 04/2024

- Designed and implemented an automated CI/CD pipeline using Jenkins, Docker, and Ansible for building, testing, and deploying applications, with automated cloud deployments, container orchestration, and notifications for enhanced scalability and reliability. (Skills: Jenkins, Docker, Ansible, Kubernetes, CI/CD, Cloud Deployment, Automation)

### **Smart Farm Controller (Graduation Project)** 10/2023

- Developed an Android app to monitor and control farm irrigation systems using real-time sensor data and weather predictions, with IoT integration and machine learning for rain prediction, optimizing water conservation. (Skills: Android Development, IoT, Java, NodeMCU, Sensors, Firebase, Machine Learning)

### **Bookly App** 12/2023

- Engineered and launched a visually appealing splash screen, implemented theme customization, and integrated animations to enhance user experience for the Bookly app. Optimized performance through responsive design, API integration, and real-time data sync. (Skills: Flutter, Dart, UI/UX Design, API Integration, Firebase)

### **Cloud AWS Autoscaling & Load Balancing** 05/2023

- Optimized application scalability and reliability by architecting and deploying highly available infrastructures using AWS services such as Auto Scaling, ELB/ALB, and EC2.

### **Andriod Scientific Calculator** 09/2022

- Developed an advanced Scientific Calculator app for Android, integrating complex mathematical functions with intuitive UI/UX design using Java and XML for seamless user experience and precise calculations.

### **Google Docs Clone** 05/2022

- Developed a collaborative rich text editing tool with a Google Docs-style toolbar, real-time synchronization, multi-document handling, data persistence, and print functionality, leveraging technologies like JavaScript, WebSockets, Firebase, and Local Storage.

## Skills

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### **Programming Languages**

- C++
- Python
- Html, Css
- JavaScript
- Php
- Mysql

### **Andriod Development**

- Java
- Kotlin
- Flutter

### **IOS Development**

- Flutter

### **Devops Tools**

- AWS Practitioner
- Linux Administration
- Docker
- Kubernetes
- Git
- Ansible
- Jenkins

### **IOT Development**