



Khalid Mohamed Mahmoud Salman

Computer Engineer

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🐙 <https://github.com/khalid-salman>

PROFILE

Highly motivated and technically proficient Computer Engineering graduate with a strong academic foundation and a passion for innovation. Equipped with a solid understanding of computer systems, software development, and hardware design. Skilled in programming languages such as C++, Java, and Python, and experienced in utilizing industry-standard tools and technologies. Excellent problem-solving abilities and a keen eye for detail, combined with effective communication and teamwork skills.

EDUCATION

Bachelor of Computer Engineering and Software Systems

Faculty of Engineering Ain Shams University

02/2019 – 02/2024

Cairo, Egypt

COURSES CERTIFICATED

Android Development Booster	12/2020
<i>Sprints</i>	
Cisco - IOT Fundamentals Connecting Things	10/2021
<i>NTI</i>	
Embedded Systems - Shape The World: Microcontroller Input/Output	12/2021
<i>EDX</i>	
Web Development Challenger	03/2022
<i>Udacity - Egypt FWD</i>	
CCNA-Introduction to Networks	08/2022
<i>NTI</i>	
Cloud-Based Software-Defined Networking Training	03/2023
<i>Orange Egypt</i>	
Google UX Design Professional Certificate	12/2023
<i>Google Career Certificates</i>	
Flutter Advanced Course Bloc and MVVM Pattern	12/2023
<i>udemy</i>	
Google IT Support Professional Certificate	02/2024
<i>Google Career Certificates</i>	
AWS Academy Cloud Foundations	02/2024
<i>AWS Academy Graduate</i>	
DevOps Engineer	present
<i>Digital Egypt Pioneers</i>	

PROJECTS

Google Docs Clone

05/2022

- Basic Google Docs bar is implemented
- Real-time synchronization: any client connected on a specific document can write in real time, everything is synchronized between clients
- Multi documents handling: you can connect several clients on the same document, or on different ones (new one created by default)
- Data is persisted: start again your clients on same URL and you'll get back data
- Possibility to print the documents

Andriod Scientific Calculator

09/2022

- Developed an advanced Scientific Calculator application for Android platforms.
- Demonstrated expertise in Java and XML programming languages.
- Implemented a user-friendly and accurate calculator with advanced scientific functions.

Cloud AWS Autoscaling & Load Balancing

05/2023

- Demonstrated experience in utilizing AWS services such as Auto Scaling Groups, Elastic Load Balancers (ELB/ALB/NLB), and Amazon EC2 instances.
- Successfully designed and implemented scalable and highly available architectures, optimizing application performance and ensuring fault tolerance.

Bookly App

12/2023

- Successfully designed and implemented an engaging splash screen view with a polished user interface, setting a positive tone for the Bookly app.
- Enabled users to personalize their app experience by incorporating a theme customization feature, promoting user satisfaction and brand alignment.
- Enhanced user experience through strategically implemented animations, particularly focusing on the Curriculum Vitae section, creating a dynamic and visually appealing app interaction.
- Leveraged Flutter's capabilities for seamless integration of API collections, ensuring real-time data updates and a feature-rich Bookly app.
- Prioritized app performance by implementing responsive design, user authentication, and performance optimizations, guaranteeing a smooth and efficient user experience.

SKILLS

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|------------------------|--------------------|------------------------|--------------------|
| • Andriod Dev. | • AWS Practitioner | • Linux Administration | • Docker |
| • Kubernetes | • Git | • Flutter | • IOT Development |
| • C++ | • Java | • Python | • HTML, Css |
| • JavaScript | • PHP | • Mysql | • Microsoft Office |
| • Communication Skills | • kotlin | | |

LANGUAGES

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| • Arabic | • English | • German |
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