Mo'men Ahmed El-Mohder

Software Engineer | Android Developer | Computer science student

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WORK EXPERIENCE

Android Development Projects: Actively engaged in hands-on projects focusing on Android app development, utilizing Kotlin and Java for building intuitive and userfriendly applications.
Worked as a Teaching Assistant at a local educational center during high school
Assisted in preparing class materials, managing classroom activities, and supporting the lead teacher with daily tasks. Developed strong organizational and interpersonal skills by communicating effectively with students and helping maintain a productive learning environment.

EDUCATION

Suez Canal University (SCU), Ismailia.

Studying at Computers and Informatics, Software Engineer   2023 - 2027

PROJECTS

ImageText OCR [↗]
Developed an Android app to extract and edit text from images using Firebase ML Kit OCR.
Enabled users to capture or upload images, edit extracted text, and export results as PDF or CSV.
Built with Kotlin and Android Studio, focusing on clean UI and performance for a smooth user experience.

Resume website [↗]
Developed a responsive portfolio website using HTML, CSS, and JavaScript.
Showcased sections like About, Projects, Experience, and Contact with a mobile-friendly design.
Deployed the site using Netlify, with a focus on clean layout, responsive UI, and smooth performance.

QR code scanner and reader using Python
Developed a real-time QR and barcode scanner using OpenCV and Pyzbar libraries in Python.
Enabled live webcam scanning of multiple code formats with automatic detection, decoding, and display of data overlays.
Optimized for smooth frame capture and clean UI rendering with keyboard-controlled exit. Focused on performance and readability for a seamless user experience.

CERTIFICATE

Meta Android Developer Professional Certificate

Java Programming and Software Engineering Fundamentals Specialization Duke University

SKILLS

Languages & Tools: Kotlin, Java (Android), HTML, CSS, basic JavaScript, basic Python
Android Development: Android Studio, SDK, XML (UI Design), SQLite, Room, RESTful APIs
Version Control: Basic Git knowledge
Educational Tools: Proficient in Scratch; familiar with LEGO Mindstorms EV3 programming (block-based)
Other Skills: Able to teach programming concepts to kids and beginners with clarity and patience, Strong communication skills and a quick learner, Passionate about technology and simplifying complex topics
languages: Arabic native and English very good (Listening & Speaking)