

# Alzobair Elkhailifa

Software Engineer

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## Work experience

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### 249Startups

Full Stack Software Developer

Cairo, Egypt

03/2023 - Present

- Pioneered the creation of the Gaith funding program, which funded startups with over **2,000,000 euros**, by Building and managing the Venture X platform using NextJs for the front-end and NestJs for the back-end (TypeScript).
- Led the automation of staff tasks which improved the staff task completion speed by **70%**, achieved by Effective communication with different departments, gathering their incorporating them as a capability in the platform.

### Fekra

Flutter Team Leader

Doha, Qatar

12/2021 – 01/2023

- Led and guided a team of 4 junior flutter developers, which built `Foodo`, a socially impactful application designed to combat food waste, for which I conducted task assignments, mentorship, and educating on the source code architecture.
- Managed the project effectively, which led to high code quality by doing thorough code reviews and adhering to best practices.
- Engaged in close collaboration with company stakeholders, fostering a cohesive and strategic approach to project management  
Articulating project requirements, establishing deadlines, and aligning development goals with overarching business objectives.

### Doctor Base

Flutter developer

Toronto, Canada

12/2020 – 11/2021

- Played a pivotal role in refining DoctorBase, a telehealth app, which significantly improved patient experience and app ratings, by enhancing UI/UX design and streamlining virtual patient-doctor interactions.
- Participated in biweekly meetings that led to enhancement in the app user experience, by engaging in feature suggestions
- Optimized chat functionality for better user interaction, introducing efficient file management and visual communication features, thereby enhancing the overall functionality and user engagement.

### Fekra

Android apps developer

Khartoum, Sudan

05/2019 – 04/2020

- Developed a home launcher application that is used as a parental control system that's synchronized with a second app for parents

## Education

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### University of Khartoum

BS. in Engineering

Khartoum, Sudan

Graduation date: 2021

## Projects

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- **Manga Online:** Developed a highly successful flutter app for reading comics, with over **500000** downloads on Google Play and a **98%** crash-free user rate, by continuous improvement and optimization.
- **Werewolf Online:** A multiplayer game with voice chat built using Android SDK (Java) and NodeJs server backend with webRTC.
- **Plants vs Zombies 3D Clone:** A replication of the popular game in 3d version, developed using Unity.
- **Prediction of Compressive Strength using Artificial Neural Networks:** A machine learning project predicting concrete strength.

## Skills

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- **Software:** Flutter, Android SDK, Git, WebRTC, NestJs (ReactJs), NextJs, Socket.IO, TailwindCss, Digital Ocean, Docker, NodeJs, Kafka, TensorFlow, Keras, Numpy, Unity, Figma.
- **Programming Languages:** Dart, Python, and TypeScript (Proficient), Java and C# (Moderate), Kotlin and JavaScript (Prior experience), HTML, CSS, and Fortran.
- **Technical concepts:** Agile, Testing, Relational and Non-relational databases, UI/UX, Problem-solving, Algorithms and data structures, Software Architecture.
- **Soft skills:** Collaboration, Mentorship, Effective communication, Problem-solving, Critical thinking, and Leadership.

## Languages

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- Arabic (Native)

- English (Expert)

- French (Beginner)