

Youssef Henna

Software Engineer

Experienced software engineer with 5+ years of expertise in designing robust software solutions. Proven track record of delivering high-quality solutions aligned with business objectives. Skilled in working independently and collaborating effectively within a team.

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Work Experience

February 2023 - Present

United States (Remote)

Full-time / Part-time (as of Oct 2024)

Full Stack Engineer

Draftbit

Developed and maintained a React Native component library. Worked on enhancing and introducing new features to the React and NodeJS-based Draftbit platform. Made improvements and streamlined the DevOps process. Actively participated in collaborative meetings, providing valuable insights for future feature planning and architectural decisions.

October 2021 -

December 2022

Japan (Remote)

Part-time

Freelance App Developer

LV3

Developed several apps from scratch (Native Android + React Native) and the required backend services. Implemented SRT streaming protocol into the Android ecosystem. Utilized Google's nearby sharing APIs to allow communication between devices. Integrated Python libraries into Android apps. Used GCP to host and manage backend services.

October 2020 -

September 2021

(Remote)

Part-time

Freelance React Native Developer

RedTriangle Software

Implemented designs with pixel perfection into fully functional apps. Collaborated with project managers to plan milestones on a pre-release software project. Verified performance requirements using automated testing. Worked closely with API teams to finalize and adjust the exposed interfaces utilized by the app.

May 2021 - August 2021

United States (Remote)

Part-time

Freelance Android Developer

GoGoGo

Developed an app for custom Android hardware with an integrated barcode scanner, Zebra TC05. Communicated with integrated scanner using intent-based APIs. Implemented carrier detection algorithm to detect shipments that get scanned automatically. Implemented designs into a functional Android app. Got Familiarized with the domain at hand to understand how issues can be fixed.

January 2021 - June 2021

China (Remote)

Part-time

Freelance Android Developer

Sky Capital Technology Limited

Developed a native Android app for Shopify-based e-commerce service. Utilized a GraphQL API to query the API. Adjusted IOS-based designs to fit Android's design system. Implemented authentication, payment gateways, real-time raffle system, and other core features for the app.

October 2020 - April

Freelance React Native Developer

2021

United States (Remote)
Part-time

Draftbit

Maintained a React Native component library. Refactored much of the codebase to utilize Typescript. Implemented a more robust testing process for the component library. Wrote a code generation algorithm that translates JSON to React JSX.

August 2019 - October 2020

(Remote)
Part-time

Freelance Android Developer
CXS

Developed a bus riding application. Implemented 2 apps, one for the rider and another for the driver. Used Firebase Firestore to maintain real-time updates in both apps. Utilized Google Maps' geolocation APIs and SDK to have a seamless experience between driver and rider. Implemented admin panel in JavaFX to control bus routes, prices, track drivers, etc.

Education

2024 - 2026

Technische Universität Dresden
M.Sc in Distributed Systems Engineering

2019 - 2023

German International University
B.Sc in Computer Science

Skills

- Kotlin
- TypeScript
- JavaScript
- ReScript
- Java
- C++
- SQL
- Python
- Kubernetes
- Zookeeper
- Native Android Development
- React Native
- React
- Node.js
- Firebase
- AWS
- Google Cloud Platform
- MongoDB
- NestJS
- Ruby on Rails
- GraphQL
- NextJS

Languages

- Arabic — Native
- English — Fluent
- German — Beginner (A1)