Hossam El-Bahrawy

Result oriented iOS software engineer with a Bachelor's degree in Computer Engineering and 3 years of professional experience in developing full-stack web and iOS mobile applications, always eager to learn new topics, technologies.
Seeking a new challenging iOS software engineer opportunity.

Cairo, Egypt

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WORK EXPERIENCE

Solutions by Stc — *iOS Software Engineer (Full-time)*

June 2022 - PRESENT

- **MyFleet App**— iOS App [*Link*]
  Helping organizations manage their fleet operation, that includes real-time tracking, speed tracking, alerts and notifications.

  Built using: **UIKit, Alamofire, Realm and GoogleMaps**

- **MyFleet Admin**— Flutter App
  Built for MyFleet system admins to speed up the process of managing different customers' vehicles, devices and inventories.

  Built using: **Flutter, Dio, Provider**

- **School Bus Driver App**— iOS App [*Link*]
  Empowering drivers to easily view and live track their assigned trips, kids' absence status, and communicate with parents.

  Built using: **SwiftUI, Alamofire and HereMap**

- **School Bus Parent/Student App**— iOS App [*Link*]
  Helping parents track their children's trips to/from school. With notifications upon bus arrival, departure, route updates.

  Built using: **SwiftUI, Alamofire and HereMap**

Koinz — *iOS Software Engineer (Full-time)*

Jul 2020 - Jun 2022

- **Koinz App**— iOS App [*Link*]
  Online food & beverage ordering mobile app that currently operates in Egypt, Saudi Arabia and UAE.

  - Establishing and implementing a complete design system from scratch
  - Enhancing code quality adding SwiftLint to the codebase
  - Running experiments using Firebase Remote Configs and A/B Testing.
  - CI/CD using AppCenter and testFlight for testing and release
  - Monitoring releases with various tools to early detect and fix production and usability issues.

  Built using: **UIKit, RxSwift, Moya, Realm and GoogleMaps**

SKILLS

UIKit - SwiftUI - RxSwift - XCTest - SwiftLint -Alamofire - Moya - Realm - FacebookSDK - Google Maps SDK - Here Map SDK - Amazon Payment SDK (PayFort SDK) - Hyperpay SDK - Authorize.Net

Flutter - Dio -Provider - Flutter Lints

OOP - MVC- MVVM - Design Patterns - Design System - Unit Testing - Version control (GIT)

Firebase Remote Config -Firebase A/B Testing - Firebase Analytics - Firebase Crashlytics - Firebase Events - App Center CI/CD - App Center Analytics - App Center Diagnostics - Smartlook - Amplitude - WebEngage

Jira - ClickUp - Opsgenie - Zeplin - Figma - Notion

LANGUAGES

Arabic: Native
English: Advanced
German: A1

Haya Solutions — *Full Stack Engineer (Full-time)*

Apr 2019 - Aug 2020

- **The family sale** — *E-Commerce Platform*

  Platform for an internal mega online sale for L'Oreal Egypt employees. The site revenue was estimated to be **+3 Million EGP**

  Built using: **ReactJs**, **Material-UI, PaySky**

- **Netjeek** — *E-Commerce Platform (Frontend) [[Link](#)]*

  Libya's first shopping platform along aside an admin portal

  Built using: **ReactJs, Material-UI, ChartJs**

- **NACG** — Asset Management System *(Frontend)*

  Asset management for NACG (North American Construction Group):

  Built using: **ReactJs, Material-UI, FeathersJs Client, Socket.io**

EDUCATION

Faculty of Engineering, Tanta University — *Bachelor of Engineering in Computer and Automatic Control*

Class of 2019 with grade: Very Good

Graduation Project [[Link](#)]: Autonomous Robotic System capable of delivering products ordered from an E-commerce system or a cross-platform mobile application Android or iOS (supported by **Valeo Egypt**).

Built using: Robotic Car - Nvidia Jetson - Arduino - Raspberry Pi - LIDAR sensor - ROS - ReactJs - SemanticUI - React Native - NodeJs - ExpressJs - MongoDB.