Giza, Egypt

Tasneem Toolba

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Github

EMPLOYMENT

DevOps Engineer	**AppNest(Yemen)**	**Aug 2023 - Current**

- Auto-deploy .net, node.js, Angular, and other application stacks to IIS(Windows), and nginx(Linux) using Yml files, Docker and Kubernetes
- Use software monitoring tools like Prometheus

Mobile Developer	**EFinance (Egypt)**	**Sep 2023 - Current**

- Develop mobile applications using the latest technologies in native Android.
- Maintain legacy Android projects
- Develop new Android projects(as this) using the latest libraries such as Retrofit, Dagger Hilt, and a well-structured code for POSs
- Maintain water, gas, and electricity POS' C/C++ libraries and their integration with Android apps
- Integrate Payment gateway and ECR protocol in the developed mobile apps using both soap messages and rest APIs

Flutter Developer	**Hello Move(Netherlands)**	**Jan 2022 - Spring 2023**

- Developed and maintained the company's service: available on (App Store, Google Play, & App Gallery).
- Use rest APIs to manage data in the app, GitHub Actions to auto-deploy the app to Google Play
- Use the latest state management apps like blocs for state management

Full Stack Developer	**DevStack(Russia)**	**Mar 2021 – Dec 2021**

- Built various Flutter applications, utilizing Firebase apps and Django for the backend.
- Integrate Google Maps, utilize Firebase and Firestore, integrate NFC detection and face detection

VOLUNTEERING

C/C++ Coach	**SOI2020(Saudi Arabia)**	**Sep-Dec 2020/June-Aug 2023**
	EOI2020-EOI2023(Egypt)	

- Taught fundamentals of C/C++, competitive programming, algorithms, and data structures.
- Prepared students for national and international Informatics Olympiads.

EDUCATION

Innopolis, Republic of Tatarstan	**Innopolis University**	**Fall 2019 – Jun 2023**

- B.S in Computer Science (GPA 4.5/5)

PROJECTS

- **Compiler:** A compiler for a user-defined functional programming language **using C/C++**.
- **Digital Library:** An online course content management system using **Django and Vue.js**.
- **InnoTutor:** A tutoring management app where students offer tutoring services in their areas of expertise and earn university digital currency, synchronized across other university websites using **Flutter**.
- **FinnData:** A stock app that allows you to search and receive information about stocks in **Flutter**.
- **RecipeSearch**: An app that helps you to find cuisine recipes; the Frontend was in **Typescript**, **React**

ADDITIONAL EXPERIENCE AND AWARDS

- **Top 5 in the TV program "Cairo Innovates" in 2019.**
- **Golden medalist in EOI2017 & Silver medalist in EOI2018**
- **First place in RoboGames 2017 in Egypt.**

LANGUAGES WITH PROJECTS

- **Haskell:** untyped expressions, functions, and nameless representation,
- **Python(Backend/Django, & web3/blockchain):** DynamicNFTMinterBot, DjangoProject, PrayerBot, Digital Library, Databases.
- **C/C++:** Compiler, Operating Systems, Matrix Fraction,
- **iOS/Swift:** Habits, toDoList, DataCollection, AnimalKingdom, iOSFundamentals
- **Flutter/dart:** WeatherApp, FormApplication, CleanHabits, OnlineChatRoom, FinnData, ChuckNorris
- **DevOps(K8s, Terraform, Vagrant, Docker, & monitoring):** Best Practice