

Giza, Egypt

Tasneem Toolba

[Email](#)

[Github](#)

BIO

I'VE BEEN WORKING AS A **MOBILE ENGINEER** FOR OVER **THREE YEARS** AND AM CURRENTLY ACTIVELY SEEKING **BLOCKCHAIN POSITIONS**. I'VE RECENTLY SHIFTED TO **BLOCKCHAIN**. SINCE THEN, I'VE PARTICIPATED IN **4+** HACKATHONS, ATTENDED **DEVCON 7** AND **ETHGLOBAL**, AND TAKEN PART IN THE **ONLYDUST** HACKATHON TWICE, WITH THE LATEST BEING THE **ALEPH DE VERANO** HACKATHON. I AM ALSO AN ACTIVE MEMBER OF **HERDAO** AND **ARABS IN BLOCKCHAIN**.

EMPLOYMENT

Mobile Engineer	EFinance	Aug 2023 - Current
<ul style="list-style-type: none">Develop mobile applications using the latest technologies in native Android.Maintain legacy Android projectsDevelop new Android projects(this) using the latest libraries such as Retrofit, Dagger Hilt, and a well-structured code for POSsMaintain water, gas, and electricity POS' C/C++ libraries and integration with Android appsIntegrate Payment gateway and ECR protocol in the developed mobile apps using both soap messages and rest APIs		
Software Engineer	AppNest	Sep 2023 - Aug 2024
<ul style="list-style-type: none">Write CI/CD to auto-deploy .net, node.js, Angular, and other application stacks to IIS(Windows), and nginx(Linux) using Yml files, Docker, and KubernetesWrite backend applications in node js		
Flutter Developer	Hello Move(Netherlands)	Jan 2022 - Spring 2023
<ul style="list-style-type: none">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 PlayUse the latest state management apps like blocs for state management		
Flutter Developer	DevStack(Russia)	Mar 2021 – Dec 2021
<ul style="list-style-type: none">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

Open Source Contribution		Oct 2024 - Current
<ul style="list-style-type: none">OnlyDust: Contribution To Starknet Quest, & The Marquis Gaming		
C/C++ Couch	SOI2020(Saudi Arabia) EOI2020-EOI2023(Egypt)	Sep-Dec 2020/June-Aug 2023
<ul style="list-style-type: none">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
<ul style="list-style-type: none">B.S in Computer Science (GPA 4.5/5)		

PROJECTS

- [Wagmi-ERC-3770](#): an extension to Wagmi that extends the usage of erc-3770, won first place in optimism superchain interoperability track in Aleph De Vanero Hackathon
- [Cross-Chain uniswap mini app](#): EthGlobal bangkok hackathon project, mini app swaps tokens cross-chain
- [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".
- Golden medalist, Silver medalist, and IOI qualification participant.
- First place in RoboGames.
- Intel ISEF participant.

LANGUAGES

- **Cairo**: Starknet Challenges & Speed runs challenges
- **Solidity**: Foundry & Hardhat, Cyfrin Solidity and Foundry courses, ERC20, ERC721, ERC1155
- **Python(Backend/Django, & web3/blockchain)**: Junior [DynamicNFTMinterBot](#), [DjangoProject](#), [PrayerBot](#), [Digital Library](#), [Databases](#).
- **C/C++**: Intermediate [Compiler](#), [Operating Systems](#), [Matrix Fraction](#),
- **Flutter/dart**: [WeatherApp](#), [FormApplication](#), [CleanHabits](#), [OnlineChatRoom](#), [FinnData](#), [ChuckNorris](#)
- **DevOps(K8s, Terraform, Vagrant, Docker, & monitoring)**: [Best Practice](#)