

Giza, Egypt

Tasneem Toolba

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[Github](#)

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

- [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 WITH PROJECTS

- Cairo:** Junior, Starknet Challenges & Speed runs challenges
- Solidity:** Junior, 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](#)