

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 PARTICIPATED IN THE **ONLYDUST** HACKATHON TWICE, THE LATEST BEING THE **ALEPH DE VERANO** HACKATHON. I AM ALSO AN ACTIVE MEMBER OF **HERDAO** AND **ARABS IN BLOCKCHAIN**.

## EMPLOYMENT

|   |   |                               |
|---|---|-------------------------------|
| <b>Mobile Engineer</b>  | <a href="#">EFinance</a>                | <b>Aug 2023 - Current</b>     |
| <ul style="list-style-type: none"><li>Develop mobile applications using the latest technologies in native Android.</li><li>Maintain legacy Android projects</li><li>Develop new Android projects(<a href="#">this</a>) using the latest libraries such as Retrofit, Dagger Hilt, and a well-structured code for POSs</li><li>Maintain water, gas, and electricity POS' C/C++ libraries and integration with Android apps</li><li>Integrate Payment gateway and ECR protocol in the developed mobile apps using both soap messages and rest APIs</li></ul> |   |                               |
| <b>Software Engineer</b>  | <a href="#">AppNest</a>                 | <b>Sep 2023 - Aug 2024</b>    |
| <ul style="list-style-type: none"><li>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 Kubernetes</li><li>Write backend applications in node js</li></ul>   |   |                               |
| <b>Flutter Developer</b>  | <a href="#">Hello Move(Netherlands)</a> | <b>Jan 2022 - Spring 2023</b> |
| <ul style="list-style-type: none"><li>Developed and maintained the company's service: available on (App Store, <a href="#">Google Play</a>, &amp; App Gallery).</li><li>Use rest APIs to manage data in the app, GitHub Actions to auto-deploy the app to Google Play</li><li>Use the latest state management apps like blocs for state management</li></ul>  |   |                               |
| <b>Flutter Developer</b>  | <a href="#">DevStack(Russia)</a>        | <b>Mar 2021 – Dec 2021</b>    |
| <ul style="list-style-type: none"><li>Built various Flutter applications, utilizing Firebase apps and Django for the backend.</li><li>Integrate Google Maps, utilize Firebase and Firestore, integrate NFC detection and face detection</li></ul>   |   |                               |

## VOLUNTEERING

|   |   |                                   |
|---|---|-----------------------------------|
| <b>Open Source Contribution</b>   |   | <b>Oct 2024 - Current</b>         |
| <ul style="list-style-type: none"><li><b>OnlyDust:</b> Contribution To <a href="#">Starknet Quest</a>, &amp; <a href="#">The Marquis Gaming</a></li></ul>   |   |                                   |
| <b>C/C++ Couch</b>  | <a href="#">SOI2020(Saudi Arabia)</a><br><a href="#">EOI2020-EOI2023(Egypt)</a> | <b>Sep-Dec 2020/June-Aug 2023</b> |
| <ul style="list-style-type: none"><li>Taught fundamentals of C/C++, competitive programming, algorithms, and data structures.</li><li>Prepared students for national and international Informatics Olympiads.</li></ul> |   |                                   |

## EDUCATION

|  |                             |                             |
|--|-----------------------------|-----------------------------|
| <b>Innopolis, Republic of Tatarstan</b>  | <b>Innopolis University</b> | <b>Fall 2019 – Jun 2023</b> |
| <ul style="list-style-type: none"><li>B.S in Computer Science (<b>GPA 4.5/5</b>)</li></ul> |                             |                             |

## PROJECTS

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- [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

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- Top 5 in the TV program "Cairo Innovates".
- Golden medalist, Silver medalist, and IOI qualification participant.
- First place in RoboGames.
- Intel ISEF participant.

## LANGUAGES

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- **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](#)