| Giza, Egypt | Tasneem Toolba | | | [Email](mailto:tasneemsherif23@gmail.com)  [Github](https://github.com/tasneemtoolba) |
| --- | --- | --- | --- | --- |
| ***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** | | | | |
| **Mobile Engineer** | [**EFinance**](https://www.efinanceinvestment.com) | | | Aug 2023 - Current |
| * Develop mobile applications using the latest technologies in native Android. * Maintain legacy Android projects * Develop new Android projects([this](https://play.google.com/store/apps/details?id=com.helwanuni.studentdata)) 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 integration with Android apps * Integrate Payment gateway and ECR protocol in the developed mobile apps using both soap messages and rest APIs | | | | |
| **Software Engineer** | [AppNest](https://appnest.pro/) | | | Sep 2023 - Aug 2024 |
| * 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 * Write backend applications in node js | | | | |
| **Flutter Developer** | [Hello Move](https://hello-move.com/en)(Netherlands) | | | Jan 2022 - Spring 2023 |
| * Developed and maintained the company’s service: available on (App Store, [Google Play](https://play.google.com/store/apps/details?id=com.hello_move.app&hl=en&gl=US), & 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 | | | | |
| **Flutter 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** | | | | |
| **Open Source Contribution** | |  | Oct 2024 - Current | |
| OnlyDust: Contribution To [Starknet Quest](https://github.com/lfglabs-dev/starknet.quest), & [The Marquis Gaming](https://github.com/The-Marquis-Gaming/themarquis-app/pull/15) | | | | |
| **C/C++ Couch** |  | SOI2020(Saudi Arabia) [EOI2020](https://www.eoi.eg)-[EOI2023](https://www.eoi.eg)(Egypt) |  | Sep-Dec 2020/June-Aug 2023 |
| * 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** | | | | |
| * [Wagmi-ERC-3770](https://dorahacks.io/buidl/20857): 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**](https://github.com/EmanHerawy/Salek/)**:** EthGlobal bangkok hackathon project, mini app swaps tokens cross-chain * [**Compiler**](https://gitlab.com/tasneem22/skiddo)**:** A compiler for a user-defined functional programming language **using C/C++**. * [**Digital Library**](https://github.com/DanisAlukaev/Digital-Library)**:** An online course content management system using **Django and Vue.js**. * [**InnoTutor**](https://github.com/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**](https://github.com/IU-projects-org/finndata_project)**:** A stock app that allows you to search and receive information about stocks in **Flutter**. * [**RecipeSearch**](https://github.com/tasneemtoolba/EPJA-Course): 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](https://github.com/tasneem22/DynamicNFTMinterBot), [DjangoProject](https://github.com/tasneem22/FSE-project), [PrayerBot](https://github.com/tasneem22/inno_prayer_bot.git), [Digital Library](https://github.com/tasneem22/devOpsLabs), [Databases](https://github.com/tasneem22/database). * **C/C++:** Intermediate[Compiler](https://gitlab.com/tasneem22/skiddo), [Operating Systems](https://github.com/tasneem22/OS), [Matrix Fraction](https://github.com/tasneem22/Matrix-Fraction-), * **Flutter/dart:** [WeatherApp](https://github.com/tasneem22/weather_app), [FormApplication](https://github.com/tasneem22/FormApplication), [CleanHabits](https://github.com/tasneem22/CleanHabits), [OnlineChatRoom](https://github.com/tasneem22/OnlineChatRoom), [FinnData](https://github.com/IU-projects-org/finndata_project), [ChuckNorris](https://github.com/tasneem22/ChuckNorrisFlutterApp) * **DevOps(K8s, Terraform, Vagrant, Docker, & monitoring):** [Best Practice](https://github.com/tasneem22/devOpsLabs) | | | | |