

EMPLOYMENT

Full Stack Blockchain Intern	SkyTrade	Sep 2024 - Current
<ul style="list-style-type: none"> Migrate the currently used technologies to Solana, and use Solana Blinks and Actions 		
Software Engineer	AppNest	Aug 2023 - Current
<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 Kubernetes Write backend applications in node js 		
Mobile Engineer	EFinance	Sep 2023 - Current
<ul style="list-style-type: none"> Develop mobile applications using the latest technologies in native Android. Maintain legacy Android projects Develop new Android projects(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 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
<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 Play Use the latest state management apps like blocs for state management 		
Full Stack 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

C/C++ Coach	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

- [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, and IOI qualification participant.
- First place in RoboGames 2017 in Egypt.
- Intel ISEF participant..

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](#)