Muhammed ElRakabawi

Web2 (7+ years) and 5+ years building web3 projects
Egypt's 25 under 25 per Startup Scene
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SKILLS

PROGRAMMING

Languages
Solidity • JavaScript/ES6 • Typescript •
Python • C++ • LATEX

Frameworks/Libraries
React • Vue • NextJs • Vite • Styled
Components • Redux/Vuex • Tailwind •
Bulma • Vuetify • Electron • Docker

Back-end
MongoDB • Vercel/Firebase • GraphQL •
NodeJS

Markup/Pre-processors
HTML/5 • CSS/3 • SASS

Blockchain
Ethers.js / Web3.js • Remix • TheGraph •
Truffle/Harhdat • WAMGI • • Metamask
API • Infura/Alchemy • ERC712/IPFS

KNOWLEDGE

Core
Functional Programming • Data
Structures • Authoritative Server
Architecture • State-Sync design
Web 2.0
CI/CD • Version control systems (Git) •
User-Experience Design • Serverless
Web 3.0
EVM architecture • The graph
(Subgraphs) • Containers • Kubernetes
and Orchestration
Design Patterns
MVC • MVVM

LINKS

Github:// elrakabawi
ResearchGate:// Muhammed S.
ElRakabawi
LinkedIn:// Muhammed S. ElRakabawi

PROJECTS

Encounter Game | Station0x
Invictus Lords
Lamarkaz Github
Station0x Twitter
FinalCypher Gameplay Video

EXPERIENCE

ARCHERSWAP | Senior Web3 Front-end Developer
Early 2023 - Currently

STATION ZERO X | Cofounder | Lead Full-stack Developer
Mid 2021 - Mid 2022 | pseudonym: Captain Isaac ??[0]
Worked on Encounter a web-based P2E strategy board game using VueJS, Mongo,
Vercel functions and Solidity (had over 2,500 registered players). And FinalCypher a
5v5 online FPS shooter game built with Unreal Engine 5, Firebase, Docker, Electron
and Kubernetes for online on-demand dedicated servers. (WIP)

JETSWAP | SENIOR Front-end Developer (React, Solidity, BSC)
Early 2021 - Mid 2021

BUSINESS INNOVATION MINE | SENIOR FRONT-END DEVELOPER (REACTJS)
Early 2020 - Early 2021, Saudi Arabia | Remote

MAISON PYRAMIDE | SENIOR FRONT-END DEVELOPER (REACTJS)
Eearly 2019 – Early 2020 | Remote

INSTADIET | FRONT-END UI DEVELOPER (VUEJS)
Feb 2019 – May 2019 | Remote

LAMARKAZ | CO-FOUNDER | FRONT-END/WEB3 DEVELOPER (VUEJS)
Sept 2017 – Sep 2019 | Full-time

+ Other several Web2 companies as Front-end Developer

RESEARCH

Lamarkaz (2017 - 2019)
Metacash a Gasless Wallet (React Native, 2019) • Dcourt a Dispute Resolution
Platform (Similiar to Kleros nowadays, 2019) • Camilion a JS-based Proof-of-Stake
Blockchain (Using Tendermint, Now Ignite) • Parasol a smart contract development
and deployment tool (with solidity preprocessor called psol, similiar to hardhat
nowadays) and many other DApps/Projects.

Nile University Bioinformatics Center | Undergraduate Research Intern (2018
Worked with Dr. Mohamed ElHadidi to create a machine learning species level 16S
rRNA taxonomic CGR-encoded text-based classifier for Next Generation Sequencers.

AWARDS

2018	25 UNDER 25	Startup Scene	Lamarkaz
2015	Bronze Medalist	Egyptian Olympiads in Informatics
2014	National Finalist	International Science and Engineering Fair	Bio-computing

TRAINING

2014	AAST/MCIT	Competitive programming in C++
2014	AAST/MCIT	Algorithms and Data structures in C++