

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++ • Perl • LATEX

Frameworks/Libraries

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

Back-end

MongoDB • Vercel/Firebase • GraphQL •
 NodeJS • Redux/Vuex • Tailwind • Bulma
 • Vuetify • Electron • Docker

Markup/Pre-processors

HTML/5 • CSS/3 • SASS

Blockchain

Ethers.js / Web3.js • Remix • TheGraph •
 Truffle/Hardhat • Metamask API •
 Infura/Alchemy • ERC721/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 ElRakabawi

PROJECTS

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

EXPERIENCE

INVICTUS LORDS | Co-FOUNDER (FULL-STACK, VUEJS)

Sept 2022 - Present | Anonymously

STATION 0X | COFOUNDER | LEAD DEVELOPER (VUEJS, MONGO, VERCEL)

Mid 2021 - Mid 2022 | pseudonym: Captain Isaac??
 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)

Early 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 (Similar 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, similar 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	AASIT/MCIT	Competitive programming in C++
2014	AASIT/MCIT	Algorithms and Data structures in C++