

Muhammed ElRakabawi

Web2 (7+ years) and 5+ years building web3 projects (Between DeFi and GameFi)

Egypt's 25 under 25 per Startup Scene

elrakabawi • Captain Isaac A. | mselrakabawi@gmail.com

SKILLS

PROGRAMMING

Languages

Solidity • JavaScript/ES6 • Python • C++ • Perl • LATEX

Frameworks/Libraries

VueJS(5+ years) • React • Vite • NodeJS

• Redux/Vuex • Tailwind • Bulma •

Vuetify • Electron • Docker

Game Dev

Unreal Engine 5 • Blueprints programming • UE Networking

Markup/Pre-processors

HTML/5 • CSS/3 • SASS

Blockchain

Ethers.js / Web3.js • Remix •

Truffle/Hardhat • Metamask API •

Infura/Alchemy • ERC712/IPFS

KNOWLEDGE

Core

Functional Programming • Secure 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

Github:// Captain Isaac A.

HackerRank:// 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 ^a

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

Early 2021 - Mid 2022 | pseudonym: Captain Isaaca⁰

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 2022

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 AAST/MCIT Competitive programming in C++

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

^a Due to local jurisdictions towards crypto. [Egypt bans crypto]