



HATEM AZAIEZ

BLOCKCHAIN CONSULTANT



CONTACT



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EDUCATION



2009 - 2011

Embedded system licensing

ISI Ariena



2018

IT dev engineer

Esprit



2023

Hedera trainings

Hedera



LANGUAGE

- English
- French
- Arabic



PROFILE INFO

blockchain consultant with over 4 years of experience in blockchain development and architecture. They also have 8 years of experience in web development using React JS and Node JS, and experience in chatbot development. Skilled in full-stack application development, database design, server-side programming, and front-end user interface design. I have experience to work with methodologies such as scrum



WORK EXPERIENCE



DarBlockchain

2021-Present

CTO

- Significantly contributed to creating Hegemony, an NFT collection DApp, by playing a key role in developing the generation collection and optimizing the rarity ratio for user engagement and satisfaction.
- Contributed to developing HERO, an ecosystem that incentivizes activists, ensuring a user-friendly platform that delivers on its promise of meaningful incentives.
- Successfully led a team to complete the Antlike project, a crowdfunding web app with a secure private blockchain using proof-of-authority consensus.
- Led the creation of Decentralized Impact, a blockchain-based platform for the entrepreneurial ecosystem, ensuring scalability, user-friendliness, and decentralization.
- Contributed to reconfiguring TAHO, an open-source wallet, by adding Solana network support and enhancing its usability and security for a wider audience.



Freelance

2019-2021

Blockchain Developer

- Developed a staking mechanism for multiple assets.
- Designed and implemented the backend of a mobile wallet.
- Created smart contracts for events.
- Configured an off-chain swapping API using Node.js.



Smartness Company

2017-2019

Chatbot developer

As part of my role, I played a key role in developing three impactful chatbot projects that met the specific needs of the e-commerce, retail, and travel agency industries. Working closely with my team, I contributed to the planning, design, and implementation phases to ensure timely and cost-effective project delivery. By leveraging my technical expertise and knowledge of chatbot technologies, I provided valuable insights and recommendations to enhance chatbot functionality and user experience. Additionally, I was responsible for conducting rigorous testing and quality assurance throughout the project lifecycle to ensure optimal chatbot performance and client satisfaction. Ultimately, my contributions were instrumental in the successful delivery of these significant chatbot projects.



System and network administrator 2015-2017

Presidency of the Republic of Tunisia

- Installing, configuring and maintaining computer hardware, software and network equipment such as routers, switches, servers, firewalls,
- Managing and monitoring network and system security to prevent unauthorized access, viruses, and other security threats.
- Maintaining and upgrading network and system performance by monitoring performance metrics, tuning system settings and upgrading hardware and software as needed.



MY SKILLS & EXPERTISE

React JS/nextjs



Node JS



Solidity



Rust



Anchor/solana



Move





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PROJECT REALISED

Game on solana

As a Solana fullstack developer, I have undertaken an innovative project to create a game similar to StepN, leveraging the robust capabilities of the Solana blockchain. This project involves the development of smart contracts for tokens and NFTs, including upgradable NFTs, ensuring a dynamic and engaging user experience. The game will feature unique tokens that players can earn, trade, and use within the game ecosystem. Additionally, NFTs will play a central role, offering players customizable and upgradeable digital assets that enhance gameplay. By utilizing Solana's high-speed and low-cost infrastructure, the project aims to deliver a seamless and scalable gaming experience, pushing the boundaries of blockchain-based gaming.

DAO Factory on TON network

As a developer on the TON network, I spearheaded the creation of a cutting-edge DAO (Decentralized Autonomous Organization) provider. This project involved developing and deploying sophisticated smart contracts that enable the seamless formation and management of DAOs, leveraging TON's fast and efficient blockchain technology. The smart contracts were designed to support various governance models, voting mechanisms, and treasury management, ensuring secure and transparent decentralized decision-making. This initiative empowers communities and organizations to adopt decentralized governance, fostering innovation and collaboration in a secure and trustless environment.

NFT marketplace on APTOS

As a developer on the Aptos blockchain, I led the creation of a state-of-the-art NFT marketplace using the MOVE programming language. This project involved designing and implementing smart contracts to facilitate the minting, trading, and management of NFTs within a secure and efficient ecosystem. Leveraging MOVE's robust capabilities, I developed features that allow users to create, buy, sell, and auction unique digital assets seamlessly. The marketplace is optimized for high performance, ensuring low transaction costs and fast processing times, which are critical for a smooth user experience. This project underscores my expertise in blockchain development and my ability to harness the strengths of Aptos and MOVE to build innovative and scalable decentralized applications.



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PROJECT REALISED

DAO system :

Creation of Decentralized Autonomous Organization (DAO) systems, utilizing blockchain for transparent decision-making. Proficient in smart contracts and decentralized governance, ensuring secure and efficient DAO operations. Skilled in establishing trustless frameworks, enabling collective resource management within decentralized structures.

Backend system of a crypto wallet :

Created the backend system for a comprehensive cryptocurrency wallet, encompassing seamless transfers, secure transactions, and efficient swapping capabilities. Designed a robust architecture that handles user authentication, blockchain synchronization, and encrypted data management. This project involved expert knowledge in blockchain technology, backend development, and data security, resulting in a user-friendly and secure platform for managing various cryptocurrencies, transfers, and swaps.

Keyros gaming wallet

Developed a Tally Ho-based wallet with integrated gaming networks, while optimizing the React.js code for seamless functionality. Combined cryptocurrency management with gaming, showcasing expertise in blockchain, React.js, and gaming integration. Resulted in a dynamic wallet catering to both crypto users and gamers.

crypto payment based on chainlink

Implemented a crypto payment solution based on Chainlink, showcasing my proficiency in blockchain technology and smart contract development. By leveraging Chainlink's oracle capabilities, I ensured secure and reliable cryptocurrency transactions. This project required a deep understanding of decentralized finance (DeFi) protocols, API integrations, and blockchain security, resulting in a robust and efficient crypto payment system that can be seamlessly integrated into various applications and platforms.

NFT marketplace

Designed and built a cross-chain NFT marketplace, showcasing expertise in blockchain development. Created a seamless platform connecting creators and users, employing smart contracts for secure transactions. Demonstrated proficiency in decentralized applications and blockchain integration.

Carbon credit marketplace

Developing a carbon credit marketplace, exemplifying my proficiency in sustainability and blockchain technology. Through strategic development, I established a platform that facilitates the trading of carbon credits, fostering environmental responsibility. This project required a deep understanding of both carbon credit ecosystems and blockchain integration, resulting in an innovative marketplace that contributes to a greener future.

Fish tracability using blockchain

Developed a fish traceability system utilizing blockchain technology, showcasing my expertise in both supply chain management and blockchain integration. This project involved creating a transparent and secure platform that enables the tracking of fish from source to consumer, ensuring accountability and sustainability in the seafood industry. By implementing smart contracts and decentralized data storage, I've established a robust system that empowers consumers and stakeholders with verified information about the origin and journey of the fish they purchase. This accomplishment highlights my proficiency in leveraging blockchain for real-world solutions that address industry challenges.

NFT collection Hegemony

I have successfully conceptualized, crafted, and deployed NFT collections, demonstrating my expertise in NFT creation and smart contract development. By combining creative vision with technical skills, I've brought unique digital assets to life on blockchain platforms. This endeavor required proficiency in designing captivating NFT artwork, generating tokens, and coding smart contracts that ensure secure ownership and provable scarcity. This achievement underscores my ability to bridge the gap between creative expression and blockchain technology, contributing to the dynamic world of digital collectibles.