Aya Amdouni
Blockchain developer
Tunisia

+216 55 073 543
ayaamdouni199@gmail.com
https://github.com/ayaamdouni/
https://www.linkedin.com/in/aya-amdouni/

SUMMARY

Blockchain Developer with extensive background in software and web development. Motivated by a passion for cryptocurrency and blockchain technology, eager to tackle new challenges.

SKILLS

Programming Languages: Python, Java, JavaScript
Blockchain technologies: hardhat, solidity, DeFi, smart contracts
Testing tools: Cucumber, Gherkin
Soft skills: Committed, strong problem-solving skills, flexibility

ARTICLES

•**React Native: Connect your Crypto Wallets and interact with your Smart Contracts** *Medium*

EDUCATION

•**Engineering Degree in Infotronic Systems** *Sep. 2021 - Oct. 2024*
National School Of Engineers Of Carthage Tunisia

EXPERIENCE

•**K2LIS** *Feb 2024 - Jul. 2024*
Fullstack JS and Blockchain intern Tunisia
– Developed and tested APIs using Node.js, and Solidity for secure device interactions using blockchain technology.
– Gained experience with event driven architecture and with writing clean and scalable code.
  KEYWORDS: **Node.JS, Javasccript, Blockchain, Java**

•**ILEF INFO SERVICE** *Jul. 2023 - Sept. 2023*
Backend Intern Tunisia
– Built and tested RESTful APIs using Node.js and integrated MongoDB for a stock management system.
– Contributed to API scalability and maintainability by incorporating best practices.
  KEYWORDS: **Node.JS, Javasccript**

•**ASTEELFLASH** *June. 2022 - Jul. 2022*
Intern Tunisia
– Collected energy consumption data every 2 hours to analyze consumption and identify peak value.
  KEYWORDS: **microsoft excel**

PROJECTS

•**Crowdfunding Platform**, *Link*
– Developed a decentralized crowdfunding platform, enabling transparent project funding through blockchain.
– Designed a smart contract using solidity and Remix to automate fund transfers.
– Integrated the smart contracts with React.js using Viem for seamless interaction with the Ethereum network.

•**Send Crypto**, *Link*
– An app using React JS and Metamask, to transfer cryptocurrency by entering recipient's address and amount.
– Utilized React and JavaScript to build intuitive and responsive user interface.

•**Sorting Visualiser**, *Link*
– Innovated an interactive web application using React.js to improve algorithm and data structures learning.
– Helped the user understand how the sorting algorithm works by visualizing each step of the process.

CERTIFICATES

• **Back End Development and APIs**: Certificate

• **SQL**: Certificate

• **Blockchain Basics**: Certificate

POSITIONS OF RESPONSIBILITY

•**Co-Founder and Co-team leader**, Microsoft Tech Club Enicarthage

•**Co-team leader**, Espoir Enicarthage