CHRIS TZAFERIS

BLOCKCHAIN DEVELOPER

DETAILS

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Elefsina
Greece

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BACK END

Solidity

Foundry

Harhat

Java

Spring

Spring Boot

PostgreSQL

Elastic Search

Docker

K3S

FRONT END

JavaScript

TypeSript

Ethers.js

React

Angular

LINKS

CTZAF PORTFOLIO

Github Profile

Linkedin

PROFILE

Passionate and versatile full-stack developer with over **2 years** of experience in building and maintaining scalable web applications, proficient in both frontend and backend technologies. Adept at problem-solving and continuously learning new tools and technologies to deliver innovative and efficient solutions.

EMPLOYMENT HISTORY

Junior Java Programmer , European Dynamics

Athens, Greece

Nov 2022 — Present

- Developed full-stack web application using **Angular** (JS/TS), JSP and **Java** with **Spring**/**Spring Boot**
- Utilized various database systems including **PostgreSQL**, **MongoDB** and also **Elastic Search** for advanced search functionality.
- **Implemented Keycloak for user authentication**, increasing security and streamlining user management.
- Work on containerized applications using **K3S** and **Docker**. Contributing to the development and deployment of scalable micro services.
- Collaborated in agile teams, contributing to all stages of the software development lifecycle, from design and development to testing and deployment.

BLOCKCHAIN PROJECTS & EXPERIENCE.

Practical Projects

- **NFT Collection Minting and Staking Website** (ReactJS, thirdweb-app): Developed and deployed on the Polygon mainnet, allowing over 10 users to mint more than 20 NFTs and stake them for a 3% monthly ROI based on their NFT price.
- **Web3 Lottery Dapp**: A decentralized lottery application built with Next.js, Tailwind CSS, and Solidity, deployed on the **Goerli** TestNet. The dApp features smart contract-based lotteries with fair and transparent mechanisms.
- **Provably Random Raffle Contract**: Designed and implemented a smart contract using **Solidity** and **Foundry**, utilizing **Chain Link VRF** for randomness and Chain Link Automation for time-based triggers. Deployed on the **Sepolia** TestNet.
- **MetaMint - NFT Marketplace**: Built a full-featured NFT marketplace using React, Next.js 12, Solidity, **HardHat**, and **IPFS**, supporting decentralized minting and trading of NFTs.

Courses:

Cyfrin Updraft:

- **Blockchain Basics**: Introductory course on blockchain fundamentals, covering how blockchains and smart contracts work and signing transactions.
- **Solidity Smart Contract Development**: Learning Solidity programming, smart contract development, and deploying contracts on Ethereum.

LANGUAGES

Greek
English

- **Foundry Fundamentals**: Intermediate course on web3 development, including mastering tools for Solidity smart contract development, debugging, and testing using the Foundry framework.
- **Advanced Foundry**: Explored advanced web3 development techniques, including writing, deploying, and testing complex smart contracts with Foundry.

Udemy:

- **Ethereum and Solidity: The Complete Developer's Guide**
- **Ethereum Blockchain Developer Bootcamp with Solidity (2023)**
- **Hyperledger Fabric 2.x Network Design & Setup Hyperledger Fabric 2.x Network Design & Setup**

EDUCATION

Department of Informatics and Telecommunications at University of the Peloponnese

Tripoli, Greece

Oct 2017 — Oct 2023

- Big Data Managment: Learned how to handle large scale data in distributed environment using Hadoop (Map Reduce) and access, analyze big data using MongoDB
- Java: Developed and implemented Application with GUI using JavaFX
- Databases: I designed, analyzed and implemented a database, where information's about organizations is registered, using SQL, PHP
- Design of applications and Internet Services: Designed responsive and dynamic website that adapts to any device using HTML/CSS, JavaScript, MySQL, PHP

Thesis: Secure Credential Sharing in Cyber Exercise Applications Using Distributed Ledger Technologies

Presented a novel approach for secure credential sharing in cybersecurity applications using **Hyperledger Fabric**, contributing to the advancement of cybersecurity knowledge and promoting a safer digital environment.