

# Relevant Knowledge

Blockchain technologies ••• Backend development Frontend development



# **Technologies**

Solidity **Typescript** Javascript React, Next.js GraphQL, Hasura CSS Chakra UI Java Spring, Core, Data, Boot ORM, JPA, Hibernate SQL NoSQL: Elasticsearch, Neo4J Python

## Tools

Foundry Hardhat NPM Git **Jenkins** Sonar Maven



# Szabolcs Szentes

(36) 70-201-45-57 szmizorsz@gmail.com Budapest • 1979



I am a blockchain engineer with:

- 3 years of professional experience in the blockchain space
- 8 years of professional experience in software engineering
- An MS degree in Computer Science

I have worked in numerous complex IT environments across various sectors, including financial, telecom, and government. My primary focus has been on software and data engineering, system analysis, and, on occasion, other roles.

In 2017, I developed a fascination with blockchain, which sparked a shift in my interests toward decentralized applications based on blockchain technologies. I began learning the fundamentals and have since created many projects, participated in hackathons, and authored numerous blockchain-related tutorials. You can find more details about my blockchain-related work on my personal site: https://www.szabolcsszentes.com/

From 2020 I work as a full-stack / blockchain engineer, and I have gained the following expertise:

- Smart contract development on EVM chains
- Extensive knowledge of ERC standards, NFT implementations, interacting with DeFI primitives
- Blockchain integration for frontend/backend applications
- General frontend and backend development in Javascript frameworks

### 2023.05 - current: Blockswap Labs - Full-stack / Blockchain engineer

BlockswapLabs is the maintainer of the StakeHouse Liquid Staking protocol and the tooling around it. I work on the blockchain integration and the frontend side.

Technologies: Solidity, Hardhat, Typescript, React

### 2022.05- 2023.05: Beyond – Full-stack / Blockchain engineer

Beyond is a community-led growth platform for web3 communities, built on web3 technologies. I was working on the full stack from smart contracts to front end and backend services.

Technologies: Typescript, React, Next.js, Chakra UI, Solidity, Polygon, Openzeppelin, Web3Auth, RainbowKit

### 2020.10 - 2022.04: Freelance full-stack / Blockchain engineer, projects:

#### 2022 - Heroic Stories

Heroic Story is a collaborative, community-owned worldbuilding game powered by smart contracts.

Technologies: Typescript, React, Next.js, Hasura, Chakra UI



## Qualifications

2020: Ivan On Tech Academy: Smart Contract Programming 101 Smart Contract Programming 201 DeFi 101

**2014-2016**: Online courses: Coursera, Code Academy, Code School, Mongo University

**2013**: SCRUM Alliance, Certified SCRUM Master

**2004-2006**: IMLP (Information Management Leadership Program): General Electric

**2001 – 2002**: Ecoles des Mines de Nantes, France, Erasmus scholarship

1997 – 2004: Technical University of Budapest, Fac. of Electrical Engineering and Informatics, Master's degree

# Languages

English French



#### 2021 - Ethemerals

Ethemerals is an anime inspired NFT based blockchain game.

Technologies: JS, Solidity, Arbitrum, Openzeppelin, Truffle, React, Tailwind

#### 2021 – Moonwolf.io

Technologies: Javascript, Solidity, Polygon, Openzeppelin, Truffle

### 2015-2020: Sonrisa Inc. - Software Engineer, Data Engineer

2020 - Data deduplication

Technologies: Java, Python, Dedupe

2019 – Master data management

Technologies: C#, Elasticsearch, Neo4J

2018 – Mass data processing in distributed environment

Technologies: Spark, Java, Spring

2016 - Recommendation engine

Technologies: Java, Spring Cloud, Elasticsearch, Neo4J

### 2009-2015: Sonrisa Inc. - System analyst, Software Engineer

2015 - Invoice Generation

Technologies: Sping, Alfresco, Spring MVC, AngularJS, Bootstrap, Java

2013 - Location based targeting platform

Technologies: Java, Spring, Hazelcast, LMAX, RabbitMQ, Wicket, Greenplum

2012 – Identity Management

Technologies: MSSQL, Hibernate, Java, Spring, Wicket, Activiti

2009 – Datawarehouse for log analysis

Technologies: Oracle, Struts, Java, Spring

### 2006-2008: Budapest Bank Zrt. - Project Manager

2008 - CNC - Customer Number Cleansing

2007 - OJK - Legal requirement changes in transaction systems

2006 - PBR - Primary Banking Relationship

### 2006.02-2006.08: GE Money Bank Thailand, Bangkok - Project Manager

2006 – **EPP-EDC** – Bankcard Installment Loan on EDC with Barcode

2004-2006: General Electric - Budapest Bank Zrt - IMLP

2005 – **IDeD** – IDentity Entitlement Directory

2004 - ACFC – Loan lending process