

# Yasir Kara, Fullstack Software Developer

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## PROFILE

Experienced Fullstack Software Developer with **+3 years** of expertise in Blockchain, Front-End, Back-End, and AWS Cloud development. Adept at developing and maintaining web applications and smart contracts across diverse platforms. Demonstrated ability to excel in fast-paced and collaborative environments, such as start-ups.

Possess strong problem-solving, communication, and decision-making skills honed through engineering and aviation education, including 200+ hours of flight experience.

**Tech Stack:** AWS Cloud Services, TypeScript, React, Solidity, Next.js, JavaScript, Node.js, NestJS, HTML & CSS, Ethers.js, Hardhat, theGraph, and MongoDB. Eager to leverage expertise to deliver innovative solutions in a Fullstack Software Developer role.

[GitHub](#) : ysirblack

## EMPLOYMENT HISTORY

Oct 2023 — Present

### Fullstack Software Developer, Foundance

Remote ( Berlin )

Foundance is a Web2 and Web3 platform that empowers early-stage startups to create profiles, manage projects, browse open positions, and participate in hackathons, with integrated NFTs and cryptocurrencies.

- **Designed and implemented** a serverless NFT airdrop system using AWS services (SNS, Lambda, DynamoDB), enhancing scalability and reducing operational costs.
- **Built** a fully functional NFT marketplace application, facilitating seamless user transactions and interactions.
- **Developed** query scripts to establish endpoints for Foundance smart contracts, enabling efficient blockchain interactions.
- **Created** auto-generated websites for startups on the platform, improving their online presence and outreach.
- **Developed** NFT collection and landing page creation wizards with intuitive UI, simplifying user experience.
- **Implemented** a referral system that boosted user acquisition and engagement.
- **Developed and maintained** both front-end and back-end components of the platform, including AWS infrastructure and blockchain integrations.
- **Conducted** extensive bug fixes and integrations across various platform components on both front-end and back-end.

**Technologies:** TypeScript, AWS (SNS, Lambda, DynamoDB), Next.js, Solidity, NestJS, The Graph, MongoDB, Hardhat, Ethers.js

Jun 2022 — Present

### Fullstack Software Developer, soonami.io GmbH

Remote ( Berlin )

Pioneered an innovative NFT solution that resolves interoperability issues of NFT assets, referred to as "Quarks" within the mQuark ecosystem. This solution enables Web3 and Web2 entities to interoperate and upgrade seamlessly across various platforms through blockchain and metadata standardization.

- **Proposed and implemented** a unique solution to NFT interoperability challenges after conducting extensive R&D on current NFT technologies.
- **Developed** an SDK to simplify blockchain integration for clients—a "Swiss-army-knife" tool that eases blockchain calls for developers, especially those new to Web3.
- **Built** both the developer portal application and the marketplace, enhancing user engagement and transaction efficiency.
- **Developed and tested** over 30 smart contracts using ERC standards, ensuring robust and secure blockchain operations.
- **Created** query endpoints using The Graph to enable easy querying of smart contracts.
- **Documented** all work to facilitate knowledge transfer and support future development efforts.

**Technologies:** TypeScript, React (Next.js), Solidity, Firebase, The Graph, Hardhat, Ethers.js

Jan 2022 — Jun 2022

### Software Developer, TokenSuite

Remote

TokenSuite is an all-encompassing blockchain incubator focused on investing in, building, and marketing innovative blockchain solutions.

- **Developed** a variety of smart contracts tailored to clients' needs while adhering to industry standards
- **ERC20 tokens** for cryptocurrencies.
- **ERC721 and ERC1155 tokens** for non-fungible assets (NFTs).
- **Proxy/Upgradable contract standards** to enable contract flexibility and future enhancements.

- **Access control standards** to secure contract interactions and functionalities.
- **Implemented** The Graph protocol to facilitate efficient querying and indexing of smart contracts, improving data accessibility and analytics.

**Technologies:** Solidity, The Graph, Ethers.js, Web3.js, Hardhat

Jan 2020 — Nov 2021

## Student Pilot, AYJET Approved Training Organization

- Single-Engine Operations
- Solo Flights
- Night Rating
- Cross-Country Navigation
- Instrument Flights
- Multi-Engine Operations

Aircrafts: Diamond 20 - Sonaca S200, Diamond 42 Twin Star

Jun 2019 — Nov 2019

## Embedded Software Engineer, Atsan Laçın

Istanbul

- **Designed and developed** electronic boards and embedded systems using C programming language.
- **Integrated** various sensors and microchips to enhance hardware functionality and performance.

**Technologies:** C, Embedded Systems, Microcontrollers, Sensor Integration

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## EDUCATION

Jan 2020 — Nov 2021

### ATPL(A) Licence, AYJET Flight Academy

Istanbul

Successfully graduated and holding commercial pilot licence. (96/100 Grade)

Sep 2022 — Mar 2023

### Master of Science - MS, IU Internationale Hochschule

Jan 2015 — Jan 2018

### Minor Degree Computer Engineering, Altinbas University

Istanbul

Jan 2013 — Jan 2018

### Bachelor's Degree - E.&E. Engineering, Altinbas University

Istanbul

Ranked 1st among fellow students.

Full scholarship / English

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## SKILLS

AWS Cloud Services

Ethers.js / Hardhat / theGraph

TypeScript

Node.js

React

NestJS

Solidity

HTML & CSS

Next.js

MongoDB

JavaScript

Git