

# AIMEN SAHNOUN

## Full Stack Engineer

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Istanbul, Turkey

## SUMMARY

Developer familiar with wide range of programming utilities and languages. Handles any part of process with ease as well as a fast learner. Collaborative team player that is always willing to learn new things, with excellent technical abilities.

## EXPERIENCE

### Full Stack Engineer

#### BetterHQ

02/2022 Remote

A platform for the open-source community to collaborate and build projects together by funding and developing features through a decentralized bounty system.

- Created a Near smart contract to facilitate funding and payout of bounties ([link](#)).
- Developed an upgradable Solidity smart contract to enable multi-chain functionality ([link](#)).
- Integrated smart contracts with a web application.
- Enabled wallet address whitelisting using [Guild](#).
- Utilized OpenZeppelin AutoTask to automatically remove expired bounties.

### Front End Developer

#### Muni

10/2021 - 12/2021 Istanbul

A financial solution that enables businesses to manage their budgets and finances more efficiently and effectively.

- Developed reusable React components to increase code reuse and reduce development time.
- Developed parts of the company's [landing page](#) for responsive.
- Leveraged React Native and OpenCV2 to create a document scanner mobile application.
- Developed a [mobile application](#) version of the web application using React Native, providing users with a consistent experience across devices.

## PROJECTS

### Kichō

12/2022 Istanbul

[Kichō](#) is a simple [NFT marketplace](#).

- Created an NFT marketplace utilizing ERC721 and custom Marketplace contracts.
- Deployed [smart contracts](#) on the Avalanche Fuji test net for efficient and cost-effective transactions.
- Designed and developed a front-end using NextJS and incorporated smooth animations using Framer Motion.
- Integrated React-Query to provide fast data fetching, prefetching, caching, and invalidation for a seamless user experience.

### AimBridge

11/2022 Istanbul

[AimBridge](#) decentralized token bridge between two networks (Polygon Mumbai, ETH Goerli).

- Developed [smart contracts](#) in order to manage the transactions on the network.
- Implemented [OpenZeppelin Defender's](#) Relay and Autotask, to automate token minting/releasing processes.
- Connected Smart contracts to front-end using RainbowKit-wagmi.

## SKILLS

### Front-end

React Next.JS Redux Jotai

TailwindCSS PWA Framer Motion

### Back-end

Node.JS Express.JS Nest.JS

Flask Prisma PostgreSQL

### Mobile

React Native Expo

### Web3

Near Hardhat EVM Ethers.js

wagmi RainbowKit

### Cloud

Firebase Supabase

### Languages

JavaScript TypeScript Python

Solidity AssemblyScript

## EDUCATION

### Blockchain Education for Developers (Solidity)

[LimeAcademy - Blockchain education](#)

10/2022 - 12/2022

### Master's Degree, Computer Engineering

[Bahçeşehir University](#)

10/2022

### Bachelor's Degree, Computer Engineering



[Bahçeşehir University](#)

2022

## PROJECTS

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### Dystro



 09/2022 - 10/2022  Istanbul

Dystro is a web application that allows companies to manage their distribution as well as sales.

- Developed a web application functioning as a Progressive Web App (PWA) for increased user accessibility.
- Enabled admins to quickly and securely create employee accounts.
- Created a comprehensive product list for easy access and viewing.
- Integrated client data, including location and contact information, directly into the system.
- Facilitated streamlined sales processes and printed receipts for improved customer service.

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### CopyCat

 01/2022 - 05/2022  Istanbul

A software suite that allows users to take remove the background and send it to their computers directly.

- Developed a mobile application that enabled users to remove backgrounds from snapped images, utilizing OCR to extract text from images.
- Connected mobile application to desktop application using web-sockets for seamless image/ text transfer, allowing users to send edited images directly to their computers.
- Tested and debugged software suite to ensure optimal user experience.
- [Github Repo](#).

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### DecentraJobs

 03/2022  Istanbul

A Decentralized freelancing platform built on top of the Near protocol.

- Successfully developed a Near smart contract and web application utilizing NextJS for a decentralized freelancing platform.
- Achieved top 10 ranking out of 120 projects in the **Encode Near Hackathon**.
- Implemented reliable data storage functionality on decentralized IPFS nodes to ensure data integrity.
- [Github Repo](#).
- [Live App](#).

## ACHIEVEMENTS

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### Encode Near Hackathon Finalist

Reached top 10 project finalist for Encode Club's Near hackathon with DecentraJobs, Ranked 6th/10.

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## CERTIFICATION

### Certified Near Developer.

Near Protocol ([Certification](#))

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## FIND ME ONLINE



### LinkedIn

<https://www.linkedin.com/in/aimensahnoun/>



### Twitter

[www.twitter.com/aimensahnoun](http://www.twitter.com/aimensahnoun)



### Lenster

<https://lenster.xyz/u/aimensahnoun>



### GitHub

<https://github.com/aimensahnoun?tab=repositories>