

AIMEN SAHNOUN

Full Stack Engineer

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

Trustblock

📅 01/2023 - Present 📍 Remote

Trustblock is a company to allow web3 auditors to publish and display audits on-chain .

- Implement an authentication flow using NextJS and Web3 wallets, enabling seamless integration of JWT tokens for secure user access.
- Developed SBT smart contract for whitelist management, allowing authorized auditors to access and review the system.
- Implemented a meta transaction relay, providing a user-friendly experience with gasless transactions
- Implement back-end and connect it with database.
- Optimized database queries for Prisma.
- Implemented ISR and SSR with revalidation.
- Implement UI from Figma to React.

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.

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](#)

Testing

[Jest](#) [Tool / Technology](#)

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

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 Relayer and Autotask, to automate token minting/releasing processes.
- Connected Smart contracts to front-end using RainbowKit-wagmi.

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.

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**.

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**.

EDUCATION

Bachelor's Degree, Computer Engineering

Bahçeşehir University

📅 2022

ACHIEVEMENTS



Encode Near Hackathon Finalist

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

CERTIFICATION

Certified Near Developer.

Near Protocol (**Certification**)

FIND ME ONLINE



LinkedIn

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



Twitter

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



Lenster

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



GitHub

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