

## AI / Blockchain & Full Stack Engineer

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- 2 Years with AI / ML Expertise

## 4 Years with Blockchain

## 8 Years with Full Stack

## WORK EXPERIENCE

## Fetch.ai

May 2024 - Present

- Developed and deployed conversational AI systems using OpenAI's GPT models, powering automated customer service solutions integrated into full-stack applications with React.js and Node.js.
- Built end-to-end solutions integrating advanced recommendation algorithms and predictive modeling into Fetch.ai's agent-based platform, leveraging Python for AI/ML components and React.js for user interfaces.
- Designed and implemented an AI-powered knowledge graph to enhance context awareness and agent collaboration in decentralized ecosystems, with robust APIs built using Express.js and Flask.
- Automated workflows using Cursor and Anthropic, achieving a 30% reduction in time-to-market for AI solutions.
- Designed intuitive dashboards and data visualization tools using Next.js and Chart.js, enabling seamless interaction with AI agents.
- Created scalable and secure blockchain integrations using Solidity and Rust to support AI-driven decentralized applications.

### Technologies Used:

OpenAI   Cursor   Python   ReactJS   NextJS   NodeJS

## EG Global

Mar 2022 - April 2024

- Smart Contract for launching **Gator Gang** nft collection with presale, public sale, airdropping on Binance Smart Chain.
- Smart Contract for pool based **Burn Token** events which is managed by users with time and amount on EVM and Terra network.
- Smart Contract for token based betting named **Heads or Tails** with predicting future events by questions and answers on Binance Smart Chain.
- Smart Contract for launching **EGv2** token presale, add liquidity pool, airdrop on Binance Smart Chain.
- Smart Contract for migrating **EGv1 to EGv2** on Binance Smart Chain.
- Smart Contract for **Staking** Gator Gang NFT collection on Binance Smart Chain.
- Website and Smart Contract for **Dex Swap** named EGSwap

### Technologies used:

Solidity Rust ZKP Chainlink HardHat NodeJS

## Harvest Finance

Jan 2020 - Feb 2022

- Designed and implemented the next-generation web frontend UI, Harvest v3, delivering an improved user experience.
- Developed advanced search filters for enhanced discoverability, allowing users to filter by Token, Network, Farm, and DeFi protocols.
- Engineered dynamic and flexible charts for each farm, showcasing historical data on Total Value Locked (TVL) and token price trends.
- Conducted in-depth research and integrated Web3 functionalities to onboard new farms and pools from emerging DeFi protocols.
- Upgraded the web backend to support new liquidity pools across multiple blockchain networks.
- Managed DevOps processes for the staging environment, ensuring seamless deployment and operational efficiency for both the frontend and backend systems.

### Technologies used:

DEFI LP Web3 React NodeJS

LivePeer

Aug 2017 - Mar 2019

- Developed and deployed smart contracts leveraging Livepeer's native token (LPT) to enable decentralized video streaming and incentivization mechanisms
- Designed and implemented a robust Web API for seamless video streaming, integrating Livepeer's transcoding and delivery capabilities.
- Built and maintained a user-friendly and responsive frontend for the video streaming platform using Next.js, delivering a high-quality user experience

### Technologies used:

SmartContracts Blockchain NextJS NodeJS

VisioLogix

Aug 2015 - Jul 2017

- Implemented advanced object detection and video blurring algorithms to enhance privacy and security in video streams.
- Developed audio-to-text transcription solutions for recorded content, utilizing state-of-the-art speech recognition technologies.
- Designed and built comprehensive web platforms for selecting, editing, and rendering videos, ensuring an intuitive user experience and efficient workflows.

### Technologies used:

React Django OpenCV NodeJS PostgresSQL

## EDUCATION

**Bachelor's degree in Computer Science**

National Aviation University  
2011 - 2014

## LANGUAGE

English (Professional)

## Ukrainian (Basic)

## INTERESTS

Climbing  
Snowboarding  
Cooking