

ALEX WANG

AI / Blockchain & Full Stack Engineer



OBJECTIVE

- 2 Years with AI / ML Expertise

Leveraging AI libraries and tools like OpenAI, ChatGPT, Cursor, Blot, Anthropic, and other AI frameworks to build intelligent applications. Expertise in integrating conversational AI, predictive models, and data-driven solutions for businesses. Skilled in designing efficient pipelines for natural language processing, computer vision, and recommendation systems.

- 4 Years with Blockchain

Certificated by MANGTAS, Working with Fungible & Non-Fungible tokens on EVM and Solana. Extensive experience in developing DEX, DEFI, DApp - Launching Stable Coins, Mint & Burn, Swapping, Staking, Market Platforms, Bridge, Proxy Contracts, Yield Farming. Building Smart Contracts using Solidity & Rust and Building Websites using Web3.js & EtherJS.

- 7 Years with Full Stack

Working as a Frontend & Backend developer, built several websites for Ecommerce, Social Platforms, Education, Deliver, Tax Management, Personal Banners. Have rich experience with ReactJS, NextJS, NodeJS, Laravel.

WORK EXPERIENCE

AI / ML Engineer

Fetch.ai

May 2024 - Present

Fetch.ai is an AI and blockchain-focused company creating autonomous agent technology to solve complex coordination challenges.

Achievements:

- Developed and deployed conversational AI systems using OpenAI's GPT models to power automated customer service solutions.
- Integrated advanced recommendation algorithms and predictive modeling into Fetch.ai's agent-based platform to enhance data-driven decision-making.
- Designed an AI-powered knowledge graph to improve context awareness and agent collaboration in decentralized ecosystems.
- Automated workflows using Cursor and Anthropic, reducing time-to-market for AI solutions by 30%.

Technologies Used:

OpenAI Cursor Blot Anthropic Python NodeJS

Blockchain Full Stack Developer

EG Global

Mar 2022 - April 2024

EG is a tech startup and cryptocurrency redefining philanthropy. The first social impact movement powered by the blockchain.

Achievements:

Build Smart Contract and Web Platforms for Several Products to Build Web3 Metaverse. Increased the Company Revenue +12% by updating the token contract to get tax fee and also adding fee on several products.

- 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

Senior Frontend & Web3 Developer

Harvest Finance

Jan 2020 - Feb 2022

Harvest Finance is a DeFi protocol that allows users to get the best yield on their crypto assets. The protocol is built on top of the Compound protocol and uses the same smart contracts.

Achievements:

Build Web Frontend and Integrate Web3 for Liquidity Pools & Farms. Optimized the Website with Redering Speed, and make it more easy to use and user-friendly.

- Design and update the web frontend with next version of UI - Harvest v3.
- Add search filters with Token, Network, Farm, DEFI.
- Design and build smart and flexible chart for each farms with history of TVL and Token Price.
- Research and Web3 Integration of new Farms and Pools from other DEFI.
- Update web backend with new Liquidy Pools on various networks.
- Devops Managements for both web frontend and backend of staging version.

Technologies used:

DEFI LP Web3 React NodeJS

Senior Software Engineer

LivePeer

Aug 2017 - Mar 2019

Livepeer is a decentralized video streaming / transcoding network built on the Ethereum network.

Achievements:

Built Web-based platform for video transcoding and developed smart contract for realizing the works with coins.

- Smart Contract using livepeer tokens - LPT
- Building Web API for Video Streaming
- Frontend Development using NextJS

Technologies used:

SmartContracts Blockchain NextJS NodeJS

Full Stack Developer

VisioLogix

Aug 2015 - Jul 2017

VisioLogix Corporation is a technology company focused on video capture and large data management solutions for fixed and mobile assets for both on premise and cloud. VisioLogix has been providing unsurpassed customer care and innovative products for transportation, law enforcement and private security since 2004.

Achievements:

Built a Web-based application for select objects in video and track it (optionally BLUR). Also developed Engine for Object Detection and replaced it instead of microsoft service.

- Object Detection and Blur in Video
- Audio to Text in Recordings
- Websites for Select, Edit, Render Video

Technologies used:

React Django OpenCV NodeJS PostgresSQL

SKILLS & TOOLS

AI & Machine Learning

OpenAI

ChatGPT

Anthropic

Cursor

Blot

Blockchain

Solidity

Web3

Rust

Golang

C/C++

Full Stack

React

NodeJS

NextJS

Laravel

Others

Python C# OpenCV

Raspberry PI Devops

EDUCATION

Bachelor's degree in Computer Science

University of Cambridge
2011 - 2014

LANGUAGE

English (Professional)

Malay (Basic)

INTERESTS

Climbing

Snowboarding

Cooking