

Eric Wang

Senior Senior Web3 / Full Stack Developer

SUMMARY

Engineer with 8 years in Web3 and AI/ML development, specializing in decentralized applications and scalable web platforms using React, Next.js, Laravel, and EVM-based blockchain tech. Proficient in Solidity, Python, Node.js, and Rust, with expertise in smart contracts, Web3.js, and AI integration. Experienced in Agile/Scrum methodologies, CI/CD pipelines, and remote collaboration. Holds a Computer Science degree from University College London and has led projects for Ocean Protocol and major streaming platforms using Next.js for high-performance, SEO-optimized frontends.

TECHNICAL SKILLS

Main Technical Skills	React, Ext JS, SOLID, Node.js, Python
Programming Languages	Python, Rust, TypeScript
JavaScript Libraries and Tools	Ethers.js, Web3.js
JavaScript Frameworks	Express, Ext JS, NestJS, Node.js, React
Databases & Management Systems / ORM	PostgreSQL, Supabase
UI Frameworks, Libraries, and Browsers	ShadCN, Tailwind CSS
Cloud Platforms, Services & Computing	Vercel
SDK / API and Integrations	API
Deployment, CI/CD & Administration	CI/CD
Virtualization, Containers and Orchestration	Docker
Blockchain and Decentralized Software	Ethers.js, MetaMask, WalletConnect
Version Control	Git
Methodologies, Paradigms and Patterns	Scrum, SOLID
Mail / Network Protocols / Data transfer	WebRTC

WORK EXPERIENCE

Senior FullStack Engineer, OceanProtocol

Duration: December 2023 – Present

Summary:

- Ocean is a Web3 data exchange protocol enabling data to be tokenized and used for AI training, marketplace models, and decentralized data access
- Spearheading the development of decentralized applications, integrating AI/ML solutions, and Web3 technologies
- Leading a team of engineers to build scalable solutions within a decentralized data ecosystem
- Optimizing backend and frontend systems with a focus on performance and user experience

Responsibilities: Spearheading development of decentralized applications, integrating AI/ML and Web3 technologies, leading engineering team, optimizing backend and frontend systems.

Technologies: EVM, Solidity, Smart Contracts, Ethers.js, Web3.js, WalletConnect, MetaMask, React, Next.js, TypeScript, Tailwind CSS, Shadcn UI, Python, Node.js, AI/ML Integration (Python, Rust), PostgreSQL, Supabase, Git, Docker, CI/CD, Vercel

SuperIntelligence

Summary: A merged ecosystem and token initiative uniting three major Web3/AI projects into a decentralized AI infrastructure – designed to build scalable, ethical, and decentralized AI networks and services.

Responsibilities: Participation in building a decentralized AI infrastructure combining Web3 and AI projects.

Technologies: Web3, AI, Blockchain

Token Staking dApp

Summary: ERC-20 staking and rewards distribution application with a full-stack Web3 implementation and smart contract security best practices.

Responsibilities: Full-stack development of ERC-20 token staking and rewards distribution dApp, ensuring smart contract security best practices.

Technologies: Solidity, Smart Contracts, Ethers.js, Web3.js, React, Node.js

Twitch – Live Streaming Platform UI

Summary:

- Development of the live streaming and gaming community platform UI using Next.js for the front end to deliver fast navigation and dynamic content

Responsibilities: Front-end development using Next.js to deliver fast navigation and dynamic content.

Technologies: Next.js, React

Hulu Video Streaming Platform

Summary:

- Development of US video streaming service web platform using Next.js to power dynamic content pages with SEO and fast navigation

Responsibilities: Front-end development using Next.js for dynamic content pages with SEO and fast navigation.

Technologies: Next.js, React

Senior Frontend Developer, InVision Collaboration Platform

Duration: July 2021 – August 2023

Summary:

- Led the development of advanced frontend features for InVision's collaboration platform
- Integrated AI-based design tools to enhance user experience and streamline workflows
- Collaborated with UX/UI teams to deliver high-performance web applications

Responsibilities: Led frontend feature development, integrated AI-based design tools, collaborated with UX/UI teams.

Technologies: React, AI Integration

Frontend Developer, Customer-facing Web Applications

Duration: October 2018 – May 2021

Summary:

- Developed and optimized customer-facing web applications
- Worked closely with backend team to integrate APIs and enhance web service performance
- Focused on creating responsive and accessible designs for a wide range of devices

Responsibilities: Frontend development, API integration, performance optimization, responsive and accessible design.

Technologies: React, JavaScript

EDUCATION

- **Bachelor's Degree in Computer Science**
University College London
2014.9.1 - 2018.5.30

