

Jacob Fecunda

FULL STACK BLOCKCHAIN DEVELOPER

London, UK

+447759994390 | jacobfecunda@outlook.com | [jf-portfolio.vercel.app](https://jacobfecunda.vercel.app) | [bg5fxp-JF](https://twitter.com/bg5fxp-JF) | [jacob-fecunda](https://www.linkedin.com/in/jacob-fecunda)

Personal Statement

Forward-thinking software developer experienced in best practices with a proven ability to solve complex problems innovatively. Continuously updating skills in new technologies and excelling in cross-functional collaboration. Strong communicator committed to fostering a positive work environment. Proficient in developing decentralised applications (DApps), smart contract development, and front-end design and development.

Skills

Tech Skills: Solidity · Hardhat · Ethers.js · HTML · Cascading Style Sheets (CSS) · JavaScript · TypeScript · Node · React · Next.js · Bootstrap CSS Tailwind CSS · SQLite · REST · Jest · Mocha · Chai · CI/CD · Vercel · Spring Boot Framework · Git & GitHub · Java · Python · RStudio

Other Skills: Strong communication (written and verbal) · Creative thinker · Self-motivated · Quick learner · Adaptable

Blockchain

CrepCrypt

A DECENTRALISED SHOE MARKETPLACE WITH NFTS AND AI VERIFICATION (HACKATHON PROJECT)

- Led the frontend team, delegating tasks and providing guidance with clear communication using agile methodologies.
- Co-developed smart contracts, integrating Chainlink for AI validation and OpenZeppelin for enhanced security.

Voting DApp

SPECIFICALLY FOR COMPETITIONS (PERSONAL PROJECT)

- Developed a Solidity smart contract for a blockchain competition platform, featuring a dynamic, secure voting system, which implemented robust state management and security measures, tested using Hardhat and Chai.

GENFT

A DAPP FOR MINTING AI-GENERATED ART NFTS AND STAKING THEM FOR REWARDS. (PERSONAL PROJECT)

- Developed a Solidity contract for NFT staking, facilitating user rewards for NFT holdings, that used OpenAI's DALL-E for image generation and wagmi.sh for Ethereum blockchain interactions.
- Enhanced UX with a responsive design, featuring live previews, input validation, and notifications for efficient NFT creation.

Work Experience

Freelancer

FRONTEND DEVELOPER

May. 2022 - Present

- Led frontend development for 4+ projects using Tailwind CSS, JavaScript, React.js, and Next.js.
- Enhanced client satisfaction by prioritising transparent communication and streamlining frontend-backend collaboration.

Nethermind

FULL STACK BLOCKCHAIN DEVELOPER

May. 2024 - Aug. 2024

- Contributed to the development, maintenance and code infrastructure of the voyager - a Starknet (Ethereum L2) block explorer.
- Accelerated the preparation of the new design system in Voyager, leveraging Radix UI and Storybooks to ensure 100% of accessibility/snapshot tests passing verbose documentation.
- Wrote tests on the Foundry framework for Nethermind's Forta Staking Vault increasing 70% test case coverage to over 90%.

Ottermans Institute

SOFTWARE DEVELOPER INTERN

Jun. 2021 - Aug. 2021

- Conducted a team of 5 developers, implementing Agile methodologies, overseeing 3 successful Sprints, and ensuring 100% on-time project delivery.
- Streamlined data preparation for machine learning, reducing model development time for other considerably.

Education

Brunel University London

BSC (HONS) COMPUTER SCIENCE (ARTIFICIAL INTELLIGENCE)

Sep. 2020 - Jun. 2023

Achieved a First Class

Extracurricular Activity

Communities and Societies

ACTIVE COMMUNITY MEMBER

- Attend Solana and Chainlink meetups, getting the chance to grow and stay up to date with opportunities in the web3 space.

Content Creation

BLOG, TIKTOK AND MUSIC

- Started a blog documenting my journey in the web3 space and will continue to add to it regarding anything relevant on my mind.
- Experimented with AI content creation and grew an account garnering over 15 thousand followers and 1 million likes.
- Actively produce 'beats' for various genres using Logic Pro X.