NICO THOMSON

Senior Full-Stack & Blockchain Developer

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PROFILE

I have over 9 years of experience in building websites, web apps, and software, along with 5+ years specializing in blockchain technology. I'm passionate about launching, developing, and maintaining web and blockchain projects that demand a versatile and well-rounded skill set.
With strong problem-solving abilities and expertise in both frontend and backend development, I'm highly skilled in Web3 integration, system and application security, auditing, and project management. On the frontend, I have extensive experience with React.js, Next.js, Vue.js, Material-UI, and Figma for creating user-friendly UI designs. For backend development, I'm proficient in Node.js and Express.js.
In the blockchain domain, I've spent years working with Web3.js, Ether.js, and smart contract frameworks like Hardhat, Truffle, and Remix. I've built dApps, NFT marketplaces, and P2E crypto games, gaining deep experience in tools like WAGMI and smart contract auditing.
I'm also well-versed in Agile and Scrum methodologies, which has helped me work efficiently in team settings while maintaining strong communication and collaboration. Whether working independently or as part of a team, I'm confident in delivering high-quality solutions tailored to project needs.

EXPERIENCE

04/2023 - 02/2024

Paris, France

Lead Full-Stack & Blockchain Engineer

Flappy Bee

- Worked as a full-stack and blockchain engineer with core-teammates
- In this project, I have built Flappy Bee's entire website and dapp.
  I contributed to building both frontend & backend even building smart contracts as staking based on Ethereum network. I used MERN stack to store all players scores into MongoDB once connect their wallets, and implemented reward system using auto withdraw function in backend side.
  So, users can see their scores and history in real time and can get rewards based on their scores.
  Also, built p2e game as flappy and then add some game logic to make it fun depending on BEE NFT.
- **Skills**: react.js, typescript, material-ui, styled-components, figma, pixel perfect/mobile responsive, node.js/express.js, mongoDB, ether.js, hardhat, token & staking smart contracts, contract audit, NFT, social sharing, referral system, netlify, github, postman, nginx, Hostinger, google cloud.

06/2023 - 10/2023

Wilton, Connecticut, United States

Project Manager & Lead Developer

Sandy games

- Worked as a project manager and lead developer
- Managed and developed both frontend & backend development, integration smart contract to frontend ui, solved some technical problems according to sandy games logic, even created all designs with my creativity and brain together with the founder.
  It's a really funny project including mint Sandy NFTs, NFT inventory, Treasure Quest games, reveal NFTs, wardrobe using NFT outfits, Sandy's Collection, p2e with a twitter simple game and etc. Through features like Infusion, Nesting, Timed release, and Smart NFTs, it delivers unique and engaging experiences that enhance the gameplay and overall user experience.
  All are based on phantasma blockchain which provides with a comprehensive toolkit for innovation, enabling us to create interactive and adaptable assets that push the boundaries of what is possible.
- Skills: react.js, creative and original designs, material-ui, styled-components, mobile responsive, node.js/express.js, mongoDB, tomb, phantasma network, NFT smart contract, wallet connect as poltergeist and ecto, github, Jira, docker, netlify, nginx, IPFS

01/2023 - 01/2024

Florida, United States

Frontend & Web3 Developer

Mcverse

- Worked as a frontend & web3 developer in the core-team
- In this company, I have built and updated three projects with their CTO, project manager and lead backend developer.
  I have mostly worked inbuilding frontend ui using react.js(or next.js) ,material-ui, styled components based on figma design and then integrated frontend to smart contract using ether.js.
  These all projects are related with metaverse, NFT marketplace and p2e games related to car-racing based on avax network. Determined the structure and design of web pages based on user requirement sand balanced functional & aesthetic designs.
- **Skills**: react.js/next.js, styled-components/material ui, pixel perfect/mobile responsive, figma, avax network, ether.js, wagmi, docker, dexscreener, NFT Marketplace, p2e, vercel, github

EXPERIENCE

05/2022 - 04/2023

36Tai Yau Street, Hong Kong

Core Blockchain Engineer & Frontend Developer

AiR - Adventures in Reality

- Worked as a core blockchain engineer and frontend developer
- In this company, I have worked as a core blockchain engineer with their CTO and built AiR NFT Factory called ANF by using solana-cli-tool and forking metaplex, this project is based on MERN stack to track all logs and information of minting NFTs in solana network.
  And I have worked as a senior frontend developer with their on-site teammates and then built CEO's whole project called Ocean Park that collaborates with AiR Metaverse to deliver Metaverse-to-Go, also built another web3 projects called Eatie and Moove that uses AiR citizen NFTs.
  Implemented front-end architecture to support user interface concepts with 100% accuracy.
- **Skills**: MERN (react.js + node.js + express.js + mongoDB) stack, jquery, material-ui, styled-component, figma, solana, rust, solana-cli-tool, metaplex, metaboss, strapi, cms, polygon, hardhat, ether.js, CI/CD, payment integration, Bitbucket, nginx, aws-s3, docker, github/gitlab, postman.

02/2023 - 05/2023

United Arab Emirates

Frontend & Blockchain Developer

Lovely Inu Finance

- Worked as a frontend & blockchain developer with CMO.
- I have built frontend ui of lovely's chain explorer using react.js + material-ui + styled-components based on figma design, also fixed issues of dex integration and wallet connection in lovely swap.
  Reviewed application requirements and interface designs to ensure compatibility with existing projects.
- **Skills**: React based on TypeScript, Material-UI, Styled-Components, Figma, Ether.js, Remix, Pixel perfect & mobile responsive, chain explorer as BlockScout, Netlify, GitHub

10/2022 - 02/2023

Hanover, Germany

Lead Frontend & Web3Developer

IotaOrigin Company

- Workedasaleadfrontend&web3developer.
- Managed design of website & staking pool & NFT swap's frontend ui and built frontend using next.js, after then integrated frontend with smart contract of staking pool & nft swap using ether.js & wagmi(React Hooks for Ethereum).
  Produced high-quality mockups & designed different prototypes and provided high-quality graphics &visual elements for the website.
- **Skills** : next.js, creative and responsible design, ether.js, mui/styled-components, figma, wagmi, github, remix, hardhat, netlify, NFT staking, IOTA network, docker.

08/2022 - 10/2022

Stockholm, Finland

Full-Stack Engineer

CryptoVero.fi

- Worked as a full-stack engineer alongside the company's strategist
- BuiltCryptoVero.fi website using MERN stack and implemented backend api endpoints of crypto tax analysis & calculation, and transactions of cex, dex and etc.
  Arranged components for maximum performance across a vast array of web-capable devices and browsers.
- **Skills**: MERN stack, mui/styled-components, figma, node.js, express.js, crypto tax analysis & calculation, api of coinbase & binance & ethereum & tokentax & taxbit, github, netlify, webhotel

05/2022 - 01/2024

Sydney, Australia

Lead Full-Stack & Blockchain Engineer

Alien Inu & The HUNT Dao

- Worked as a lead full-stack and blockchain engineer with co-founder
- Updated frontend ui of Alien Inu's dashboard and displaying chart page.
  Designed The Hunt Dao website based on webflow, built the frontend ui of The HUNT Dao using react.js & material-ui & styled-components, implemented getting real time price & coinmarketcap & volumn & etcusing node.js, and built smart contracts of staking, NFT marketplace using solidity, after then integrated frontend to smart contracts using web3.js.
- **Skills**: react.js, styled-components/mui, figma/webflow, node.js, web3.js, IPFS, hardhat, github , smart contracts(staking, nft marketplace), netlify, api of moralis/covalenthq.

03/2022 - 08/2022

W.Mississauga, Ontario, Canada

Full-Stack Engineer

Coin Nerds Company

- Worked as a full-stack engineer with CEO of Coin Nerds
- Updated website and implemented getting forex & crypto currency price usingnode.js in real time.
- **Skills**: react.js, material-ui, node.js, api of forex & apilayer, foreign exchange (FX) trading, finance, github, nginx, netlify, crypto currencies, crypto wallets, cloudfare

EXPERIENCE

03/2022 - 09/2022

Canberra, Australia

● Backend & Smart Contract Developer

Block Ape Scissors Company
- Worked as a backend and smart contract developer
- Implemented trading bot, BAS api for transaction listener and built smart contract of BAS
- Skills: node.js, express.js, web3.js, mongoDB, mongo atlas, mongo compass, solidity, hardhat/remix, api of Ethereum, covalenthq & moralis, github, Heroku, postman

EDUCATION

04/2010 - 03/2014

Chicoutimi, Quebec, Canada

● Software Engineering

University of Quebec at Chicoutimi
- Bachelor's Degree

SKILLS

| HTML/HTML5 | CSS/SCSS | JavaScript/TypeScript | Bootstrap | Tailwind CSS | Material UI | React.js | Angular.js |

| Vue.js | Next.js | Vite.js | Node.js / Express.js | PHP / Laravel | C# / ASP.NET Core | Python/Django | Postman |

| Web3.js / Ether.js | Solidity | Rust | Wagmi | Hardhat / Truffle / Remix | Dapps | Cex | NFT Marketplace | P2E |

| Alchemy | Crypto wallets | Networks as EVM & Solana | MySQL | MongoDB | SQLite | Amazon DynamoDB |

| PostgreSQL | S3 | React Native | Java | Flutter | Kotlin | Xamarin | Github/Gitlab | Trello | Bitbucket |

| Monday | Jira | Netlify/Vercel | Docker/AWS/Azure |