JOHN WHITTON

Research Engineer, Leader, Founder, Ecosystem

CONTACT

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ACHIEVEMENTS

Research Engineer
- Designing and Building an Intent Based, Liquidity Management and Settlement Platform
- Author of multiple web3 DeFi white papers.
- Researched consensus, bridging, zkp and DeFi.

Building Great Technical Teams
- Lead team of 8 engineers at eco
- Grew harmony from 6 to 20 Engineers
- Managed 7 engineers at LOYYAL
- Founded a startup of 5

Successful Product Launches
- 5 blockchain launches and
- multiple ecosystem releases.

SKILLS

- Leadership
- Engineering Management
- Research
- Technical Strategy
- Ecosystem Design
- Product Design
- Blockchain, Rollups, Solidity
- Solidity, Rust, Golang, Typescript, grpc, devops

EDUCATION

2029 - 2030
UNIVERSITY OF QUEENSLAND
- Bachelor of Computer Science

PROFILE

- Research engineer, technical leader working at the intersection of blockchain infrastructure (Solving, Market Making, Arbitrage) and Decentralized protocols (Intents, Liquidity Management, Settlement).
- Track record of driving projects from conception to completion, identifying research gaps, and providing solutions.
- Proven leader of engineering teams with the ability to drive collaboration across the organization and the entire ecosystem.

WORK EXPERIENCE

Founder: johnwhitton.com　　　2025 - PRESENT
High Performance Solving and DeFi Research and Engineering
- jincubator.com: High Performance Solving Infrastructure Research
- Solver: Route evaluation (over 1000 routes per second) using live streaming data (built on Tycho) with its own liquidity mapping layer, profitability calculator, and execution engine.
- Solving Prototyping: UniswapX, 1inch, and CowSwap
- Defi: UniswapV4 Hooks, NoLiquidity Solving, IntentSwapHook
- Liquidity : ERC-6909 Resource Management built on the compact

Eco Inc.　　　08/2023 - 01/ 2025
Engineering Manager and Senior Protocol Engineer
- Lead a team of 8 Engineers up until August 2024
- Senior Protocol Engineer August 2024 to January 2025
- L3 Rollup design and implementation of the ECO Chain (docs, code)
- Developing Intent Protocol and cross-chain proving mechanisms
- Manage development of bend.eco - fast cheap stablecoin payments
- Lead the Eco Association - Currency 1.5 upgrade

Founder: johnwhitton.com　　　2018 - 08/2023
- isolab.gg: Trustless Bridge Research using Zero Knowledge Proofs
- hiddenstate.xyz: 1.country implementation inspired by ENS and enhanced to integrate web2 DNS server and SMTP routing
- modulo: 1-wallet sms-wallet: non-custodial crypto and sms wallets
- kanga.finance: Dex implementation inspired by Sushi (github). Winner of $30,000 in prizes from Harmony Hackathon.
- eave.network: Polkadot DeFi Parachain (github) inspired by Acala and launched on the Rococo Network.

Harmony: Layer 1 Blockchain　　　08/2019- 05/2020
Ecosystem Architect
- Hired and Mentored over 10 Engineers growing the team from 6 to 20
- Launched Mainnet ONE, Token Swap and Open Staking
- Owned Developer Tooling including API, SDK, HRC and IDEs
- Deployed Network Upgrades including over 50 rollouts of complete Harmony Protocol and Network
- Presented Internationally at Technical Conferences
- Responsible for Partner Success and Developer Advocacy

Loyyal - Decentralized Rewads Platform　　　07/2016 - 06/2018
Chief Technology Officer
- Hired and mentored a team of 7 engineers
- Launched LOYYAL program management suite on HYPERLEDGER

Enterprise Softwre and Consulting　　　1986 - 2016
Founder, Engineering Manager, Architect, Developer
- Managed over 100 initiatives and 50 staff at EFI
- Built EFI Business Integration Services an SOA platform
- Founded Global Enterprise Solutions a SAP technical consultancy