Dewald Krynauw
Lead Blockchain Engineer
Yknot Blockchain Solutions

Dewald is one of the Lead Blockchain Engineers on Fuel Switch, working as the System Architect and Smart Contract Developer. He has a Bachelors in Computer and Electronics, and a Masters in Deep-learning and Artificial Intelligence.

AREAS OF EXPERTISE

- Solution Architecture
- Smart Contract writing
- Blockchain security
- Software project management
- Backend operations
- Web development
- System administration

EDUCATION / COGNITIVE FOUNDATION

- M.Eng. – Deep Learning & AI (NWU Potchefstroom)

- B.Eng. – Computer and Electronics (NWU Potchefstroom)

SIGNIFICANT ACHIEVEMENTS & CONTRIBUTIONS

Creating Telos Blockchain EVM. Smart Farming IoT Solutions development

SUMMARY OF EXPERIENCE

Spent the past 2 years exclusively working with blockchain technology, writing smart contracts and developing web application. Currently focused on architecting business solutions using blockchain technology.

2022 – : Chief Information Officer – Yknot Blockchain Solutions (Pty) Ltd

Leading the technical development of the LegalCoin class-action lawsuit NFT trading platform. (Launching 2023)

Building the smart contract, front-end and back-end of the Fuel-Switch platform (Launching 2023).

Orchestrating the creation of a South African Rand stablecoin.

Jan 2021 - 2022: Full-stack Developer – Yknot Blockchain Solutions (Pty) Ltd

Developed the crypto IDO web application (T-starter). Smart Contract and web development of a cross-chain bridge.

Building of a decentralised token exchange (T-Swaps), including the smart contracts and website.

Rebuilding the official Telos Web Wallet.

Designing and working on the Telos Ethereum Virtual Machine (EVM),

2019-2020: Masters Student – MuST (Multilingual Speech Technologies)

Collaborative codebase development on their deep learning research toolkit (Mustnet).

Preformed solar flare prediction using deep-learning models.

Investigated the interpretability of neural networks for key flare indicators.