



FRANCKLINE WERE

SOFTWARE DEVELOPER

ABOUT ME

I am a technology professional with a strong background in blockchain development, AI, and quantitative research. My expertise includes building decentralized applications (dApps), developing smart contracts, and enhancing DeFi systems to improve security and efficiency. Additionally, I have experience in predictive financial modeling, leveraging data-driven insights to optimize decision-making. With a commitment to innovation, continuous learning, and problem-solving, I thrive in dynamic environments that require technical expertise and strategic thinking.

SKILL

Programming	●●●●○
VersionControl	●●●○●
Blockchain	●●●●○
Market research	●●●○●
Web Development	●●●●○

CONTACT

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EDUCATION

Bachelor's Degree in Computer Science
Kirinyaga University

• 2023-Present

LANGUAGES

- English
- Kiswahili

EXPERIENCE

Research Consultant - WorldQuant BRAIN (Mar 2024 - Present)

- Developing predictive financial models ("alphas") and contributing to quantitative research for global markets.
- Leveraging data analysis and AI-driven insights to enhance financial forecasting.

Freelance AI Trainer - OpenAI (Sep 2023 - Jan 2024)

- Contributed to the training and fine-tuning of AI models by curating and optimizing datasets for improved natural language understanding.
- Evaluated AI-generated content for accuracy, coherence, and contextual relevance to enhance model performance. Provided structured feedback and annotations to refine OpenAI's machine learning algorithms.
- Collaborated with a team of AI specialists to improve the quality of AI responses and ensure ethical AI implementation.

Freelance AI Trainer - HireHeart (Jan 2024 - Aug 2024)

- Assisted in developing and refining AI language models by providing domain-specific expertise. Conducted in-depth analysis of AI-generated content to improve accuracy, contextuality, and bias reduction.
- Created high-quality training data for machine learning models to enhance natural language processing (NLP) capabilities.
- Worked with AI researchers and engineers to implement effective training methodologies.

Freelance Web Developer (Personal & OpenSource)

- Designed and developed responsive web applications using HTML, CSS, and JavaScript.
- Integrated APIs to enhance web functionalities and improve user experience.
- Utilized Git & GitHub for version control and open-source collaboration.

Blockchain Development Projects (Personal & Open Source)

- Developed and deployed smart contracts using Solidity on the Ethereum blockchain.
- Built a token transfer system utilizing Web3.js and Hardhat.
- Contributed to open-source blockchain projects on GitHub, debugging code and adding new features.

SKILLS

Programming Languages:

- C, C++, Java, Python, JavaScript (Backend & Frontend).
- Solidity (Smart Contracts).
- HTML & CSS for web development.

Blockchain Technologies:

- Proficient in Solidity for smart contract development.
- Experience with Ethereum blockchain for dApp development.
- Knowledge of Hyperledger Fabric for enterprise blockchain solutions.
- Familiar with Web3.js, Hardhat, and Truffle for blockchain interactions.

Development Tools:

- Git & GitHub for version control and collaboration.
- VS Code & Remix IDE for blockchain and software development.
- Currently learning Docker for containerized application deployment.

PROJECTS

Ethereum Blockchain Trading Bot

- Developed a trading bot using Solidity & Remix to automate Ethereum-based cryptocurrency transactions.
- Implemented smart contracts that execute buy/sell orders based on predefined conditions.
- Integrated Web3.js to interact with Ethereum's blockchain and execute trades.
- Used Hardhat for testing and debugging the bot before deployment.
- Focused on gas optimization and secure contract execution to prevent vulnerabilities.

Smart Contract-Based Voting System

- Participated in the development of a secure, transparent voting system using Solidity & Ethereum.
- Utilized Web3.js for blockchain interaction and real-time vote tracking.
- Deployed on Remix IDE and conducted rigorous testing with Hardhat.
- Ensured tamper-proof voting by implementing strict smart contract rules.