

Cyprian T. Aarons

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Location : South Africa

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PROFESSIONAL PROFILE

Seasoned Fullstack Software Engineer with over 5 years of experience in web and mobile applications development, specializing in AI and blockchain technologies. Proven ability to lead teams and projects to deliver innovative technology solutions that solve complex business challenges.

TECHNICAL PROFICIENCY

- **Languages & Frameworks:** JavaScript (React.js, Vue.js, Node.js), TypeScript, Python, Django, React Native, Solidity
- **Databases & Cloud:** MongoDB, DigitalOcean
- **Tools & Utilities:** Git, Docker, Figma, Jira, OpenAI APIs
- **Specializations:** MERN Stack, AI-Powered Solutions, Blockchain Development

EXPERIENCE

- **CST LTD Managed Services** Remote, UK
Contractor Fullstack Mobile Developer 2024 - present
 - **Challenge:** Inefficiencies in supply chain processes were causing delays and increased operational costs.
 - **Solution:** Developed and deployed robust mobile solutions that streamlined inventory management and supply chain processes, significantly reducing processing times and costs.
 - **Outcome:** Enhanced workflow efficiency for a team of 10, successfully integrated with existing IT management software using a custom Python FastAPI.
- **Coindraw.io** Remote, UK
Contractor Fullstack Blockchain Developer 2023 - present
 - **Challenge:** Needed a secure and efficient method to handle transactions and user interactions for a blockchain-based game draw platform.
 - **Solution:** Engineered smart contracts and integrated multiple blockchain wallets, creating a seamless user experience for ticket purchases and game participation.
 - **Outcome:** Developed a robust platform still in beta, serving over 300 users with integrated fiat and cryptocurrency transaction options.
- **AfricAI.app** South Africa
CTO, Senior Full Stack Developer 2023 - 2024
 - **Challenge:** Required advanced AI integration to enhance application functionalities for a competitive edge.
 - **Solution:** Led the integration of OpenAI APIs and developed serverless functions for scalable, AI-driven solutions.
 - **Outcome:** Successfully raised USD 30k through a funding page and managed a chat platform with 20,000 users.
- **Freeflow.network** Remote, Global
Senior Full Stack Developer (Freelance, Web3.0 & Blockchain) 2021 - 2023
 - **Challenge:** Clients needed custom blockchain solutions for user-friendly and highly functional NFTs.
 - **Solution:** Developed and deployed over 30 blockchain-based sites, emphasizing user interface design and secure transactions.
 - **Outcome:** Achieved a solid success rate with projects delivered on time and within budget, enhancing client satisfaction across diverse geographies.
- **Fresh Ideas** Belvedere Trading Center, Zimbabwe
CTO, Senior Frontend Engineer and Lead Developer 2019 - 2021
 - **Challenge:** Demand surged for online grocery and food delivery services due to COVID-19.
 - **Solution:** Developed online platforms that supported high-volume transactions and real-time order updates.
 - **Outcome:** Supported thousands of customers during the pandemic, facilitating essential services through innovative software solutions.

NOTABLE PROJECTS

- **Danai.chat:** An AI-powered chat platform with a substantial user base.
- **Africanfolktales.app:** Engaging storytelling platform with subscription services and interactive content for children.
- **Coindraw.io:** Blockchain-based game draw and ticketing platform.
- **CSTLTD.com:** IT Support Company UK.

ADDITIONAL INFORMATION

- **Languages:** Fluent in English.
- **Publications:** Authored articles on Web3.0, AI, and software development, demonstrating expertise and thought leadership.

RECENT REFERENCES

- **A.mitchell@cstltd.com:**
- **R.McManus@cstltd.com:**