

Archimedes

Summary

Entrepreneurial technology leader with 10+ years of experience building scalable software products, leading engineering teams and driving sustainable innovation. Founder & CEO/CTO of multiple startups spanning AI, blockchain and IoT. Proven ability to take ideas from prototype to products used by hundreds of thousands of users, while scaling teams and operations. Expert in full-stack development (React/Next.js, Node.js, Solidity, Python, C/C++), cloud platforms (AWS, GCP, Kubernetes) and data-driven decision making. Passionate about climate technology; helped pioneer digital carbon markets that have enabled over **\$10 billion** in transparent climate finance

Selected Achievements

- **Digital Carbon Markets:** Co-founded **KlimaDAO**, the first on-chain scaling solution for voluntary carbon markets. Led development of open-source infrastructure and trading systems that enabled transparent, efficient climate finance with over **\$10 billion** total transaction volume and attracted more than **100 k stakeholders**
- **Universal Carbon Marketplace:** Co-founded Carbonmark and shipped the universal carbon marketplace. Built zero-commission trading platform and smart-contract architecture that provides access to tens of millions of carbon credits and hosts the largest selection of digital carbon credits worldwide.
- **Frontier AI:** Founded **Deepwriter AI**, a first-of-its-kind agentic AI writing engine capable of producing long-form research papers, reports and novels. Scaled the product to tens of thousands of daily active users and generated over a million pages of high-quality content. Responsible for all product strategy, engineering and hiring across the organization.

Professional Experience

Deepwriter AI – Founder & CEO/CTO

September 2024 – Present

- Conceived and built an agentic AI platform enabling end-to-end generation of long-form content, from academic papers to 300-page novels.
- Architected and implemented full technology stack (Next.js, Node.js, Python, generative AI/LLMs) and managed DevOps across AWS and GCP.
- Scaled from zero to tens of thousands of daily active users and over a million pages produced; retained >75 % of customers on subscription plans.

- Grew the company from a solo founder to a multi-disciplinary team; oversaw recruitment, fundraising and operations.

Carbonmark – Co-Founder & Lead Engineer

December 2022 – October 2023

- Co-founded Carbonmark, a zero-commission digital carbon marketplace built on the Polygon blockchain.
- Implemented smart-contract escrow and trading engine, enabling users to access **tens of millions of carbon credits** from hundreds of projects instantly
- Designed user experience and data pipelines that reduced transaction times by 30% and boosted platform efficiency by 25%.
- Helped establish Carbonmark as the go-to platform for carbon credit trading, onboarding 75 k active users and forming partnerships with major corporations.

KlimaDAO – Co-Founder & Head of Engineering & Operations

March 2021 – October 2023

- Spearheaded development of on-chain infrastructure for voluntary carbon markets, including tokenized carbon credits (BCT) and Carbonmark integration.
- Developed the trading system and treasury management contracts that facilitated **over \$10 billion** in total transaction volume
- Directed sales and operations teams; grew user adoption by 50% and built a community of over 100 k stakeholders
- Championed transparent verification processes, cutting carbon credit verification times by 99.9%, and managed a 200-person distributed team at peak.

Education

Bachelor of Science in Electrical Engineering (Energy & Environment specialization) –

Skills

- **Leadership & Strategy:** Technical visioning, product strategy, scaling startups, hiring & mentoring, data-driven decision making.
- **Engineering:** Full-stack development (React, Next.js, Node.js, TypeScript, Python, C/C++), smart contracts (Solidity, Forge), IoT hardware, embedded systems.
- **Cloud & DevOps:** AWS, GCP, Azure, Docker, Kubernetes, serverless architectures, CI/CD.
- **Data & AI:** Generative AI, machine learning, prompt engineering, analytics.
- **Blockchain & Web3:** Protocol design, tokenomics, decentralized applications, carbon markets.
- **Other:** SQL, NoSQL, REST & GraphQL APIs, event-driven architectures, security &

compliance.

- **Languages:** English (native), French (conversational), Italian (conversational), Polish (conversational).