

Yohannes Getachew

Software Engineer · Product & Project Manager · Blockchain Developer

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01 PROFILE

Software Engineer, Product Manager, and Blockchain Developer with **5 years of experience** building full-stack web applications, decentralised platforms, and AI-integrated systems. Proficient in React, Next.js, TypeScript, Node.js, Python, Go, Django, FastAPI, and NestJS. Experienced in smart contract development on Cardano and TON, DevOps automation, and Agile delivery. Skilled with AI tooling including Claude, OpenAI Codex, MCP server configuration, LLM API integration, and AI agent development. Proven track record leading remote engineering teams and improving sprint velocity by **30%**. Open to remote and international opportunities.

02 TECHNICAL SKILLS

FRONTEND

React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Redux

LANGUAGES

TypeScript, JavaScript, Python, Go (Golang), C++, Haskell, Solidity

AI & LLM TOOLS

Claude, OpenAI Codex, MCP Servers, LLM API Integration, AI Agent Config, Prompt Engineering, RAG, LangChain

DEVOPS

CI/CD, Docker, GitHub Actions, Automated Testing, Cloud Deployment, Linux

BACKEND

Node.js, NestJS, Python, FastAPI, Django, Go, REST APIs, GraphQL, Microservices

BLOCKCHAIN / WEB3

Cardano, Plutus/Haskell, TON, Smart Contracts, NFT Minting, Tokenomics, Wallet Dev

DATABASES

PostgreSQL, MongoDB, Query Optimisation, Database Design, Data Modelling

MANAGEMENT

Agile, Scrum, Sprint Planning, Technical Recruiting, Roadmap Definition, Team Leadership

03 PROFESSIONAL EXPERIENCE

Veretin Blockchain | Web3

Jan 2025 – Present

Team Lead / Senior Software Engineer

- Lead a team of 5 engineers building full-stack Web3 applications on Cardano, owning end-to-end delivery from system architecture through production deployment.
- Conduct smart contract security audits using Plutus and Haskell, identifying and resolving critical vulnerabilities before mainnet deployment.
- Manage full-cycle technical recruiting for Web3 companies — designing coding assessments, running architecture interviews, and evaluating senior engineer candidates.

SoundRig | United Kingdom, Remote

Jan 2024 – Jun 2025

Technical Project Manager

- Architected and delivered a decentralised music and NFT marketplace on Cardano and TON blockchains; built the frontend with React and Next.js and backend APIs with Node.js.
- Engineered an end-to-end NFT minting pipeline with automated metadata validation and on-chain transaction management, reducing failed mint transactions by 25%.
- Implemented CI/CD pipelines and automated code review gates using GitHub Actions and Docker, cutting average release cycle time and reducing production regressions.
- Managed third-party wallet integrations (Nami, Eternl, TON Connect) and protocol connectors ensuring cross-platform compatibility.

Endubis Blockchain Solutions*Project Manager & Backend Engineer*

- ◆ Led a distributed team of 7 engineers to build a non-custodial Cardano cryptocurrency wallet using Plutus smart contracts and a Node.js backend for UTxO and transaction management.
- ◆ Defined on-chain and off-chain communication architecture, integrating Cardano node APIs with backend services to handle wallet state synchronisation and transaction submission.
- ◆ Drove Agile delivery through sprint planning and roadmap ownership, achieving a 30% improvement in sprint velocity over six months.
- ◆ Performed backend API and smart contract security audits, remediating vulnerabilities to meet compliance requirements before public launch.

Muyalogy

Sep 2023 — Jun 2025

Full Stack Developer

- ◆ Built course management, learner progress tracking, and analytics dashboard modules for a SaaS LMS using React, Next.js, Node.js, and PostgreSQL.
- ◆ Designed a modular GraphQL API layer serving 12 frontend features, reducing data over-fetching and improving average API response time by 35%.
- ◆ Refactored core React components and implemented Redux state management, measurably improving Lighthouse performance scores and user-perceived load times.

Lela Tech

May 2024 — Nov 2024

Software Engineer, AI & Blockchain

- ◆ Built AI-driven SaaS platforms integrating Claude and OpenAI Codex APIs with Cardano smart contracts, enabling automated on-chain actions triggered by AI model outputs.
- ◆ Developed Python FastAPI and Node.js NestJS backend services handling AI inference, blockchain transaction broadcasting, and multi-platform webhook integrations.
- ◆ Deployed and audited Plutus and Solidity smart contracts verifying tokenomics, on-chain logic, and security compliance before mainnet release.

Perago Information Systems

Jun 2023 — Jul 2024

Frontend Developer

- ◆ Built reusable React component libraries and REST/GraphQL API integrations for government-facing E-Service platforms serving thousands of daily transactions.
- ◆ Implemented AWS cloud deployment pipelines automating build, test, and release stages, reducing manual deployment effort by 40%.

Dynamic Technologies

Jan 2023 — Jun 2024

Software Engineer

- ◆ Built Node.js and PostgreSQL backend systems for e-commerce and real-time sports betting platforms handling concurrent sessions and live odds feeds.
- ◆ Optimised critical database queries and introduced indexing strategies, reducing average API response time from 850ms to under 200ms.

04 EDUCATION**Bachelor of Science in Software Engineering**

Addis Ababa Science and Technology University,
Ethiopia

2019 — 2025

05 LEADERSHIP & COMMUNITY**Google Developer Student Club**

Jan 2023 — Jun 2025

Project Manager, Mentor & Technical Lead

Planned and delivered hackathons and technical workshops; mentored 50+ students on full-stack development, project execution, and engineering careers.

Software Engineers Association

Jan 2024 — Jun 2025

Tech Lead

Led development of the association website and mobile apps; owned architecture, code reviews, and project roadmaps.

Ethiopian Blockchain Community

Feb 2021 — Present

Active Member & Workshop Facilitator

Delivered Web3 and Cardano workshops at ALX, Addis Ababa University, and AASTU; mentored teams at Hedera and Afrochain hackathons.