

Erons A.

Founding Software Engineer

London, UK | [LinkedIn](#) | [GitHub](#)

Software engineer and founder who has built products end to end three times: founding engineer at a fintech platform, founder of a viral social app scaled to 115,000+ monthly active users, and founder of an API-first AI-inference platform serving around 50 paying organizations.

EXPERIENCE

Founding Software Engineer Dec 2025 — Present
UltraPay *London, UK*

Led engineering across a fintech multi-asset spending platform issuing cards, owning technical direction from design through production. Built the async backbone with claim-lease processing, bounded retries, and idempotent webhook reconciliation handling duplicated and out-of-order provider messages. Implemented a double-entry ledger with event sourcing and activation gates validating contract invariants before card spend. Led incident response to a ledger-corruption issue caused by duplicated webhooks, traced the root cause to the ingestion boundary, and rebuilt it idempotent with race-condition tests.

Founder and Software Engineer Sep 2024 — Present
Tick

Tick is an independent product studio building enterprise and open-source tools that teams and individuals actually need

CTO and Co-Founder Sep 2023 — Present
Ultra App

Software Engineer Sep 2021 — Dec 2024
Luxor Technology *Seattle, Washington, United States*

Built on-demand compute provisioning reaching 99.9% reliability using Temporal for stateful workflow orchestration. Led public APIs, embeddable widgets, and a React data-visualization library handling market-driven traffic spikes. Built SSO, RBAC and permissions in Go, cutting authentication support tickets 60% and eliminating 80% of common user errors. Implemented order matching and real-time book updates for financial contract trading.

Software Engineer Apr 2021 — Sep 2021
eSoft Response *London, UK*

Architected and deployed an analytics dashboard improving management efficiency 35% across a UK franchise network. Built a documented, accessible React UI component library and mentored engineers on best practices through training and joint testing.

Founder and Software Engineer Apr 2020 — Apr 2021
Druz *Remote*

Founded and scaled a viral social app to 115,000+ monthly active users. Sharded the database across a distributed cluster to sustain 99.9% uptime and 40% lower latency under viral traffic spikes, with 80% test coverage through automation.

EDUCATION

University of Hertfordshire Jan 2025 — May 2026

Master of Science - MS in Computer Science

Grade: Distinction

Distributed Systems, Algorithms and +1 skill

University of Abuja Jan 2018 — Feb 2022

Bachelor of Science - BS in Computer Science

Data Structures and Algorithms, Numerical Methods, Programming Languages, Database Systems

PROJECTS

API-first AI-inference platform, CostIQ

Founded and built an AI-inference platform from the ground up with per-key governance including model access, rate, token and concurrency limits, spend policy. Implemented per-caller usage telemetry, isolated per-organization data planes and an owner console for operators.

API for AI agents to autonomously manage domains and email operations, BloomFilter

Explored credential-boundary and abuse-prevention patterns for autonomous agents. The API allows agents to register and manage domains and run email operations. Listed on Glama.ai.

Rust microVM runtime for untrusted code execution, microsandbox

Built a microVM runtime for running untrusted, agent-generated code in isolated, local-first sandboxes, enabling safe execution of agent-generated code with minimal infrastructure overhead.

Druz

Personal project turned viral app that lets influencers receive anonymous messages from friends, fans, and followers. I designed, developed, and scaled the platform, growing it to over 115K monthly active users few weeks after launch

Valibot-Fast-Check

Open-source TypeScript library that simplifies property-based testing by connecting a testing framework with a validation library. It helps generate arbitraries for fast-check from schemas defined using Valibot

clean-url

An open source TypeScript library that strips tracking parameters and clutter from URLs. Feed it a nasty Spotify or Amazon link full of utm_source, fbclid, and tracking junk, and it gives you back the clean version. Supports custom rules, AMP handling, redirect params, and reports back what it removed. Published on npm as @tickhq/clean-url.

SKILLS

TypeScript · JavaScript · Node.js · Python · Rust · Java · Next.js · React Native · REST APIs · event sourcing · outbox pattern · idempotency · claim-lease processing · bounded retries · circuit breakers · Temporal · gRPC · webhooks · PostgreSQL · database sharding · reconciliation pipelines · SSO · RBAC · sanctions and compliance · isolated data planes · audit logging · Docker · GCP · Cloudflare · Kubernetes · component library design · real-time data visualization · accessible UI · founding-team product building · full-stack delivery · reliability engineering · AI platform tooling · Algorithms · Data Warehousing · Open Source · npm · Distributed Systems · Go (Programming Language) · React.js · Open-Source Development · Testing · Unit Testing · Software Development · Web Development · Strategic Planning · Public Speaking · Full-Stack Development