

# NATHANIM TADELE

Senior Full Stack & AI Engineer

[nathanim.dev](https://nathanim.dev) | [nathanim2tadele@gmail.com](mailto:nathanim2tadele@gmail.com) | [github.com/Nathanim1919](https://github.com/Nathanim1919) | [linkedin.com/in/nathanim-tadele](https://linkedin.com/in/nathanim-tadele)

## SKILLS

<b>Languages</b>	TypeScript, JavaScript, Java, Golang
<b>Frontend</b>	React, Next.js, Tailwind CSS
<b>Backend</b>	Node.js, Express, Spring Boot, Go (Fiber / Chi), REST APIs, CLI / PTY tooling
<b>Databases</b>	PostgreSQL, MongoDB, Redis
<b>DevOps / Cloud</b>	Docker, AWS (EC2, S3, RDS), Git
<b>AI / ML</b>	LLM Applications, RAG Pipelines, Semantic Search, Ollama, Vector Databases

## EXPERIENCE

<b>Senior Frontend Engineer</b> <i>Atlas Computer Technology</i>	Dec 2025 – Present
<ul style="list-style-type: none"><li>Architect and lead frontend engineering for enterprise-scale apps; built a cross-product design system adopted across 5+ products.</li><li>Mentor junior engineers and establish code review standards that measurably improved codebase maintainability.</li></ul>	
<b>Generative AI Engineer</b> <i>Humanodize Ventures</i>	Aug 2025 – Aug 2026
<ul style="list-style-type: none"><li>Built AI-powered SaaS tools for founders using LLMs, RAG pipelines, and semantic search end-to-end.</li><li>Owned full product lifecycle from prompt engineering and vector retrieval to React frontend and API deployment.</li></ul>	
<b>Backend Software Developer</b> <i>ALX Ventures • Contract</i>	Aug 2024 – Dec 2024
<ul style="list-style-type: none"><li>Designed scalable Node.js REST APIs (10,000+ daily requests); reduced PostgreSQL query latency by 50% via schema and index optimization.</li><li>Built real-time notification system using Redis pub/sub and Socket.io.</li></ul>	
<b>Full Stack Software Engineer</b> <i>Atlas Computer Technology</i>	Aug 2023 – Mar 2025
<ul style="list-style-type: none"><li>Delivered a taxpayer registration platform (Spring Boot, React, PostgreSQL, Docker) for Ethiopia's Ministry of Revenue, cutting manual processing time significantly.</li><li>Built REST APIs and a mobile banking + USSD backend in Spring Boot enabling secure, real-time financial transactions.</li></ul>	

## PROJECTS

<b>ViralBrain.ai</b> Analyzes high-performing LinkedIn content and generates voice-matched posts for founders using AI pattern recognition and LLM prompting.	<i>LLMs · React · Node.js</i>
<b>Deepen</b> AI-powered second brain for capturing, organizing, and retrieving knowledge through semantic search and intelligent summarization.	<i>React · Node.js · Vector DB</i>
<b>Mezgeb</b> Telegram-first multi-tenant ERP for Ethiopian SMBs — inventory, sales, staff, and branches managed entirely through a bot.	<i>Golang · Telegram Bot API · PostgreSQL · Redis</i>
<ul style="list-style-type: none"><li>Multi-tenant PostgreSQL schema with strict isolation and multi-role RBAC (owner, manager, cashier) scoped per branch.</li><li>Full ERP via Telegram Bot API inline keyboards; Redis manages multi-step conversational session state.</li></ul>	
<b>Replay</b> Terminal session recorder and sharing platform — record any session, share via link, replay in-browser, and copy commands directly.	<i>Golang · PTY · WebSockets · React</i>
<ul style="list-style-type: none"><li>Go CLI captures raw terminal I/O via pseudoterminal (PTY) with keystroke timing for pixel-perfect replay.</li><li>Go backend streams recordings to a React web player over WebSockets; viewers can scrub, pause, and copy any command.</li></ul>	
<b>AI File Brain</b> Local-first AI assistant that indexes personal files and enables semantic + keyword search using on-device embeddings — no data leaves the machine.	<i>Ollama · LanceDB · Node.js</i>

## EDUCATION

<b>B.Sc. Computer Science</b> <i>University of Gondar, Ethiopia • GPA: 3.7 / 4.0</i>	Aug 2019 – May 2023
<b>Software Engineering Certificate</b> <i>ALX – Holberton School • Addis Ababa, Ethiopia</i>	Sep 2023 – May 2024