



Ryan Lisse

AI Agentic Software Engineer | Technical Community Leader

📍 Almere, Netherlands

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Professional Summary

AI Software Engineer specializing in agentic systems, LLM workflows, and generative AI applications. Proven track record building production AI features and leading technical communities in web3 and developer ecosystems. Expert in Python, TypeScript, and full-stack development with deep experience in automation, tool development, and AI-augmented software engineering.

Core Competencies

AI & Machine Learning

- Generative AI & LLM Integration
- AI Agent Systems & Workflows
- Prompt Engineering & Fine-tuning
- AI Feature Development (Production)

Software Engineering

- Full-stack Development (React, Next.js, Node.js)
- Python Development & Automation
- API Design & Integration
- TypeScript/JavaScript Ecosystems

Technical Leadership

- Developer Community Building (500+ members)
- Technical Strategy & Roadmapping
- Workshop & Hackathon Facilitation
- Cross-functional Collaboration

Professional Experience

AI Software Engineer

HGG Profiling Specialists

Wieringerwerf, Netherlands | June 2024 - Present

- **Architected and deployed AI features** improving system performance and efficiency across production applications
- **Integrated LLM capabilities** into existing products, reducing manual processing time by 60%
- **Built experimentation framework** for testing generative AI models, accelerating iteration cycles from weeks to days
- **Established AI specialist network** connecting internal teams with cutting-edge research and implementation patterns
- **Collaborated with engineering teams** to optimize AI algorithms for both legacy systems and greenfield projects

Key Technologies: Python, Generative AI, LLM APIs, TensorFlow, PyTorch

Guild Lead

Polygon Labs

Amsterdam, Netherlands | November 2022 - Present

- **Built and scaled Amsterdam developer community** to 500+ active members, establishing city as leading web3 hub
- **Organized 12+ technical workshops and hackathons**, driving developer adoption of Polygon technology
- **Created technical content strategy** including tutorials, documentation, and video content reaching 50K+ developers
- **Represented Polygon on 15+ podcasts and panels**, increasing brand visibility and developer engagement
- **Drove product improvements** by synthesizing community feedback into actionable engineering requirements

Impact: 40% increase in developer onboarding, 3x growth in community engagement YoY

Developer Community Lead (Core Team)

W3B Lab Amsterdam

Amsterdam, Netherlands | October 2022 - Present

- **Led onboarding strategy** for 200+ developers transitioning into web3, reducing time-to-first-deployment by 50%
- **Designed and executed technical workshop series** covering smart contracts, dApps, and blockchain architecture
- **Built developer resource hub** connecting engineers with tools, documentation, and peer support
- **Facilitated 8+ hackathons** resulting in 30+ production-ready web3 applications

Full-stack Developer (Intensive Program)

SALT

Amsterdam, Netherlands | May 2023 - June 2024

- **Selected from 1000+ applicants** (3% acceptance rate) for intensive full-stack Java developer bootcamp
- **Shipped 5+ full-stack applications** using React, Node.js, Express, and PostgreSQL
- **Practiced TDD and Agile methodologies** with 95%+ test coverage across all projects
- **Mastered:** Java, JavaScript, React, Node.js, Express, GraphQL, Redux, CSS3, HTML5

Featured Projects

Stellar Hypernova - AI-Powered Crypto Trading Bot

TypeScript, Node.js, Encore, pnpm, Vite, Vitest

- Built autonomous trading system with AI agent architecture for cryptocurrency markets
- Implemented conductor orchestration layer managing multiple specialized trading agents
- Designed backend infrastructure with Encore framework for type-safe API development

GitHub: github.com/RyanLisse/stellar-hypernova

OpenClaw Marketplace - NEAR Intent Platform

TypeScript, Convex, NEAR Protocol, MCP

- Developed agent marketplace for NEAR blockchain intent processing
- Created core libraries for framework-agnostic intent parsing, validation, and execution
- Built CLI and MCP server with 5 tools for intent management
- Architected Convex persistence layer with 3 tables for user intents and templates

GitHub: github.com/RyanLisse/openclaw-marketplace

Briefly - Daily Briefing CLI + MCP

Swift, EventKit, Apple Contacts, ElevenLabs

- Created daily briefing automation pulling from iMessage, WhatsApp, Gmail, Calendar, Whoop
- Implemented voice output integration with ElevenLabs for hands-free briefings
- Architected with Peekaboo pattern (Core + CLI + MCP + Executable)
- Built MCP server exposing briefing capabilities to AI assistants

GitHub: github.com/RyanLisse/briefly

Quorum - LLM Council Deliberation System

Swift, TauTUI, EventBus, SessionStore

- Created multi-model AI system querying GPT-5, Gemini 3, Claude, Grok-4, Perplexity
- Implemented peer review with Borda count ranking for consensus building
- Built TUI interface for real-time deliberation monitoring
- Architected event-driven system with session persistence

GitHub: github.com/RyanLisse/Quorum

Technical Skills

Languages

Python, TypeScript,
JavaScript, Java, SQL

AI/ML

LangChain, OpenAI API,
Anthropic Claude,
Hugging Face, Prompt
Engineering, LLM Fine-
tuning

Frontend

React, Next.js, Tailwind
CSS, Framer Motion,
Radix UI, Auth.js, GSAP,
Three.js

Backend

Node.js, Express,
Prisma, GraphQL, REST
APIs, Axios, Tanstack
Query

DevOps

Vercel, Railway, Docker,
CI/CD

Web3

Ethereum, Polygon,
Solidity, Lens Protocol,
Livepeer, Audius API,
Biconomy SDK

CMS & Design

Webflow, WordPress,
Headless CMS, Figma,
DaVinci Resolve, Adobe
Creative Suite

Education & Certifications

- ✓ **Claude Code in Action** | Anthropic | July 2025
- ✓ **AI Agents Fundamentals** | Hugging Face | February 2025
- ✓ **Intensive Full-stack Java Developer Program** | SALT | 2023-2024
- ✓ **Systematically Improving RAG Applications** | Maven | August 2024
- ✓ **Mastering LLMs: A Conference For Developers & Data Scientists** | Maven | June 2024
- ✓ **Principles of UX/UI Design** | 2023
- ✓ **Introduction to Front-End Development** | 2023

Resume last updated: February 2026