FELMON FEKADU

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SOFTWARE ENGINEERING INTERN CANDIDATE

Education

University of the People   Expected 2026
B.S. Computer Science (In Progress)   *Online*
  - Honors: UoPeople Honors List, Term 2 (2025-2026), CGPA 3.00-3.49.

InceptionU   2023
Full Stack Web Development Certificate (MERN)   *Calgary, AB*

Summary

Computer Science student (B.S., expected 2026) building full-stack products with TypeScript, React/Next.js, Node/Express, PostgreSQL, and Docker-based workflows. Shipped real-time collaboration systems, paid SaaS features, and upstream open-source fixes across 4 production OSS ecosystems. Seeking Software Engineering internship roles.

Technical Skills

Languages: TypeScript, JavaScript, Python, SQL, Rust, HTML/CSS
Frameworks/Libraries: React, Next.js, Express, FastAPI, Socket.io, Tailwind CSS, Prisma
Data/Cloud/Tools: PostgreSQL, Supabase, Stripe, Docker, GitHub Actions, Vercel, Git

Experience

Open-Source Contributor | Remote   2026 - Present
  - Delivered merged fixes/features in LangChain.js, ComfyUI Frontend, Screenpipe, and Minecraft Web Client.
  - Added validation tests, reliability fixes, and UX behavior improvements reviewed by maintainers.
  - Worked through PR feedback cycles to production merge.

Safety Watch / Fire Watch, United Safety | Fort McMurray, AB   2022 - 2024
  - Monitored high-risk operations and executed emergency-response procedures in industrial environments.
  - Maintained compliance and incident logs while coordinating with cross-functional teams.

Projects

Jungian Typology Assessment | React, TypeScript, Express, Supabase, Stripe, Gemini   2025 - 2026
  - Built a 40-question full-stack assessment platform with authentication, shareable results, and AI analysis.
  - Implemented tiered monetization (Free, $19, $39), Stripe billing, and CI/testing workflows.

Collab Editor | Next.js, TypeScript, Tiptap, Socket.io, PostgreSQL, Prisma   2025
  - Developed a real-time collaborative editor with WebSocket synchronization, autosave, and live presence.
  - Designed dual-service architecture (HTTP + Socket server) with GitHub OAuth.

First Principles AI Research System (MVP) | Next.js, FastAPI, Docker, LangGraph   2025
  - Built multi-agent scaffold with SSE streaming and source/claim orchestration APIs.

Proof of Work (Merged Upstream)

  - LangChain.js: https://github.com/langchain-ai/langchainjs/commit/ac1562d
  - ComfyUI Frontend: https://github.com/Comfy-Org/ComfyUI_frontend/commit/ad9727ae4
  - Screenpipe: https://github.com/mediar-ai/screenpipe/commit/72629509
  - Minecraft Web Client: https://github.com/zardoy/minecraft-web-client/commit/96ce484a