

Jio Azul

sesame.fahrnbach.one/openai | fahrnbach.one | github.com/fahrnbach

With over a decade of self-driven learning and project leadership [5000+ hours logged], I bring full-stack engineering, design, and problem-solving skills to mission-driven teams. My work spans 3D visual interfaces, automation, and scalable tools that connect people to knowledge, systems, and each other.

Projects

Personal Portfolio (fahrnbach.one)

Interactive 3D portfolio built with Three.js, CSS, and vanilla JS to demonstrate technical depth and design fluency.

Art App (art.fahrnbach.one)

Custom-designed image showcase app built in vanilla JS. Features unique Gear Panel UI and original Illustrator/Photoshop art assets.

Sesame Pitch Engine

Crafted a dynamic, updatable, JSON-powered landing page engine to personalize employer outreach at scale. Built with Cloudflare Workers, templated metadata, and animated CSS.

Blog Platform

Markdown-based blog platform with Angular frontend and GraphQL Yoga backend using Cloudflare D1 and Workers. Includes full-text search, normalized schema, and admin upload scripts.

GenIA Assistant

Custom AI assistant built with Node.js, Redis, and OpenAI. Features riddle-based rate limits, a Genie-themed frontend, and optional admin usage tracking.

Experience

Freelance / Entrepreneur (2019–Present)

- Launched a series of self-hosted apps, tools, and systems for storytelling, automation, and personalized outreach.
- Repaired electronics, managed an eBay resale business, and explored sustainable housing systems and web-based tools.

Sales Associate – Home Depot (2019)

- Explained complex products clearly and framed offerings to instill customer confidence, leading to higher close rates and long-term trust.

Sales Associate – Dispensary (2020)

- Adapted explanations to meet customer needs and shifting legal standards in a regulated industry.

Cook – Pizza Hut (2018)

- Prepared high-volume orders during peak hours while maintaining quality and speed.

Lifeguard – YMCA (2016)

- Maintained constant awareness and performed rescues, earning staff praise for vigilance and calm under pressure.

Additional Highlights

- Eagle Scout with multiple leadership roles (Senior Patrol Leader, Patrol Leader).
- Studied for CCNA/CCNP; earned A+, Network+, Security+ in 2017.
- 4000+ hours in design, art, and animation (Photoshop, Illustrator, Blender, After Effects).
- Regularly self-teach new tools and languages. Built complete apps in Angular, Node.js, Python, and Swift.
- Former landscaping business owner; effective communicator and visual thinker.