# Tinodaishe Tembo

tinodatembo@gmail.com    |    +263 78 630 3607    |    github.com/x0bd    |    xoboid.vercel.app

## WORK EXPERIENCE

### STUXWEB | Lead Software Engineer                         Remote | May 2023 - Jan 2024

- Deliver high-quality, robust production code for a diverse array of projects for clients.
- Work alongside the Chief Executive Officer to lead the research, development, and architecture of technical solutions to fulfill requirements.
- Developed and maintained highly scalable and fault-tolerant event-driven systems, leveraging advanced technologies to optimize system performance and ensure seamless event processing for clients.
- Collaborate with designers, project managers, and other engineers to transform concepts into production for clients and stakeholders.
- Provide leadership within engineering department through close collaboration, knowledge shares, and mentorship
- Lead and facilitate company-wide accessibility initiatives such as technical documentation of best practices and screen reader optimization on web apps.

### YIRIFI.AI | Backend Engineer                         Remote | Aug 2023 - Oct 2023

- Developed and implemented highly efficient backend optimization strategies, resulting in improved system performance and reduced response times for token prices and recommendations algorithms.
- Took ownership of infrastructure architecture, development, and deployment, ensuring a robust and scalable system.
- Developed and implemented a robust microservice architecture using Node.js, JavaScript and Express for Yirifi.ai's crypto-price crawling platform, resulting in improved scalability, maintainability and performance.
- Orchestrated the infrastructure architecture and development, including CI/CD pipelines, SSL generation on the fly, and integration with third-party services

## NOTABLE PROJECTS

**PERSONAL SITE + BLOG:** xoboid.vercel.app  (additional projects + writeups, notes etc)

**CELESTE:** github.com/x0bd/celeste
- Designed and implemented a lightweight and accessible frontend web framework built from scratch with TypeScript
- Utilized: Vite, TypeScript

**PALEGEN:** palegen.vercel.app
- Created a tool that allows a user to generate color palettes from an uploaded image.
- Utilized: Next.js, Shadcn/ui, TypeScript

## SKILLS

| | |
|---|---|
| PROGRAMMING LANGUAGES | HTML/CSS, JavaScript, TypeScript, GLSL |
| LIBRARIES & FRAMEWORKS | React, Next.js, Three.js, React Three Fiber, Zustand, TanStack Query, Astro, TailwindCSS, GSAP |
| TOOLS & PLATFORMS | Vite, Node.js, Pnpm, Git/Github, Vercel, Docker, Figma, Blender, AWS, Prisma, Supabase, PlanetScale |