

Jake B. Kinchen

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Portfolio | LinkedIn | GitHub

Computer Science / Software Engineering

EXPERIENCE

Research Engineer - Gauntlet AI, Austin, TX (Remote)

January 2026 - Present

- Building agentic environments and software factories for AI-driven development workflows
- Designing and implementing infrastructure to support scalable agentic systems
- Developing tooling and frameworks for autonomous software engineering agents

Lead Full Stack Software Engineer - OneTier Corp., Austin, TX (Remote)

May 2023 - January 2026

- Built an enterprise level web application (50,000 LOC) that allows users to manage, visualize, and automate their cybersecurity services.
- Built an automated HTML content-generating microservice using Python, SQL, and React, leveraging modern LLMs to post cyber news information to their wordpress site.
- Rebuilt OneTier's company website at www.onetier.com from scratch
- Streamlined workflow by integrating CI/CD pipelines into the development process
- Designed and implemented PostgreSQL databases for project data tracking
- Collaborated with UX/UI designers to achieve nearly 3x the increase in user engagement

EDUCATION

Bachelor of Science - Computer Science (Software Engineering)

Louisiana State University | Graduation - 2023-12 | GPA: 3.45 ACT: 35

SKILLS

Technical: Python, TypeScript, Nextjs, Azure/AWS, Docker, PostgreSQL, Swift, React, C#, GraphQL, Node.js

Soft Skills: Team Leadership, Project Management, Agile, Cross-functional Collaboration, UI/UX Design

PROJECTS

MolecuLens (Web + iOS App)

Nextjs, React Native, Supabase, LLMs, Tailwind

An interactive molecular visualization and education platform published on the App Store

Textbook 2 Video

Python, LLMs, React, Tailwind, Digital Ocean

A web application that allows users to convert text to video using AI

Zero Trust Command Center

Nextjs, Tailwind, Azure, Vercel

An enterprise level web application that allows users to manage and monitor their Zero Trust environment.

TrailMates ATX (iOS App)

iOS, Swift, Firebase

Creator and project lead for iOS application development

AWARDS

Best Overall and Best Design

RiverHacks 2025 Hackathon in Austin, TX

Best Code Design

Google-sponsored Hackathon in Baton Rouge, LA

PUBLICATIONS

NPM Package: Threejs SDF Loader

A project that generates threejs 3D models from sdf files

LLM Agentic Research Study - LSU 2023

An Exploration into Application-Based RAG during my senior year at LSU