Jake B. Kinchen

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Computer Science / Software Engineering

EXPERIENCE

Full Stack Software Engineer - OneTier Corp., Austin, TX 2023-06 - Present

- 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
- Built an enterprise level web application that allows users to manage and monitor their Zero Trust environment.
- Streamlined workflow by integrating continuous integration/continuous delivery (CI/CD) pipelines into the development process, using Git to keep CTO up-to-date with the project.
- Setup webhook automations to synchronize potential leads to the company's CRM.
- 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

C1 CEFR Spanish Fluency Diploma - Spanish Language

EF International Language School | Graduation - 2019-05 |

SKILLS

Technical: Python, Java, Nextjs, JavaScript, React, CSS, HTML5, C#, PostgreSQL, GraphQL, Azure, Docker,

Unity, Node.js, TypeScript

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

Design, Problem Solving

Languages: English (Native), Spanish (C1 (Fluent))

PROJECTS

Moleculens Nextjs, Python, LLMs, React, Tailwind

A website that allows users to explore and learn about molecules using AI

Trash Map ATX Nextjs, Hugging Face, Machine Learning, React, Tailwind, Supabase

A mobile app that allows users to report and view trash in their area.

OneTier Corp. Website Astro, React, Tailwind

Rebuilt OneTier's company website at www.onetier.com from scratch

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

Cyber Now

React, Wordpress, Tailwind, GraphQL

The Sun King 3D Graphics, Unity

Immersive 3D Visual Experience

AWARDS

Best Overall and Best Design - RiverHacks 2025 Hackathon in Austin, TX

Led and built Trash Map ATX that won best overall and best design

Best Code Design - Google-sponsored Hackathon in Baton Rouge, LA

WICS Hackathon at LSU in 2023. Won for exceptional code design and implementation

PUBLICATIONS

NPM Package: Threejs SDF Loader

A project that generates threejs 3D models from sdf files

NPM Package: Cloud Engine

A project that uses math to generate cloud engine code

LLM Agentic Research Study - LSU 2023

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