

Aiden Kiefer

Chicago, IL 60608 | (224) 622-9255 | aidenkiefer@gmail.com
github.com/aidenkiefer | linkedin.com/in/aiden-kiefer

Experience

Web Developer N-2 Water Remote May 2025 – Present

- Designed and implemented a full-stack, headless commerce website using **Next.js**, **React**, and **TypeScript**, supporting marketing pages and a production e-commerce storefront.
- Integrated **Shopify Storefront and Customer Account APIs** to build authenticated customer flows including login, registration, order history, subscriptions, and cross-domain cart persistence.
- Collaborated on analytics and outreach tooling by integrating Google Ads JavaScript workflows, contributing to improved campaign performance and measurable increases in ROAS.

Web Developer Intern Thrive Vineyard Church Palatine, IL Jun 2024 – Present

- Built and maintained a sermon archive CMS using **JavaScript**, **HTML**, and **CSS**, improving long-term maintainability and content accessibility.
- Collaborated with pastors and non-technical stakeholders to translate requirements into reliable web features.

Software Engineering Intern Tribl Records Atlanta, GA Apr 2020 – Nov 2021

- Developed and maintained internal web tools using **HTML**, **CSS**, and **JavaScript** to improve usability for content and media workflows.
- Optimized backend queries and server configurations, reducing page load times and improving application responsiveness.

Personal Projects

Climate Change & Bird Migration Analysis (2025) — Python, pandas, scikit-learn

- Built regression models to learn long-term climate trends from historical data (1961–2004), validated against modern data (2005–2024), and forecasted future conditions.
- Designed data pipelines and evaluation workflows to analyze ecological datasets and assess modeling limitations.

Personal Portfolio Website (2026) — **Next.js**, **TypeScript**, **Tailwind**, **MDX**

- Built a production-ready portfolio site with a structured content system using **MDX** for case studies and blog posts.
- Implemented code presentation and content polish via syntax highlighting and a scalable project layout designed for recruiter-friendly browsing.
- Added a global search experience backed by an API route, enabling fast navigation across projects, coursework, and writing.

AllergyAssist (2016) — CodeDay Chicago

- Led a small team to design and prototype a mobile application for identifying allergy-friendly dining options, winning Best App and Best Overall awards.

Education

University of Illinois Chicago

B.S. in Computer Science

Chicago, IL

Graduated Dec 2025

Technical Skills

Languages: **TypeScript**, **JavaScript**, **Tailwind**, Python, C/C++, SQL

Frameworks: **Next.js**, **React**, Node.js

Web & APIs: REST APIs, Headless Commerce, Shopify Storefront API, Authentication

Data & ML: NumPy, pandas, scikit-learn, PyTorch; Decision Trees, Regression, SVMs

Tools: Git, GitHub Actions (CI/CD), Jest, Linux/Bash