

## Arun Khadka

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### Summary

Senior Computer Science Major at Northern Kentucky University and a proficient Full-stack developer with expertise in React, TypeScript, SQL, and Tailwind CSS. Proven track record of delivering scalable, cloud-based applications with RESTful APIs, microservices architecture, and CI/CD pipelines. Strong background in coding best practices, architectural design, database optimization, and agile development methodologies.

### Work Experience

#### Cha Bar Bistro & Maki Express Ramen House, Freelance Developer (Client Projects, Cincinnati, OH)

June 2025 – July 2025

- Built and deployed a full-scale restaurant management system with web ordering, staff operations, and admin workflows across 2+ Cincinnati restaurants using architectural design principles
- Developed a native Android staff app using Capacitor and Supabase for real-time order notifications
- Implemented secure role-based access (customer, staff, admin) using Supabase Edge Functions
- Reduced transaction fees from 5% to 2.9% by replacing third-party payment processor with Stripe
- Engineered dynamic inventory logic with real-time stock updates and substitution handling
- Built a mobile-first ordering UI with authentication, order history, and account controls

#### Nittha Siam Kitchen, Freelance Developer (Client Project, Highland Heights, KY)

Feb 2024 - Mar 2024

- Developed a digital menu interface with accordion UI and item images; reduced phone order time and contributed to ~\$1,000/day increase in pickup value
- Improved accessibility and clarity, leading to 1,000+ monthly users and 21,000+ pageviews
- Restored site functionality in under 1 hour during a domain outage to preserve business operations

#### Headstarter AI Fellowship Challenge, AI Developer (Team Project)

Aug 2024 – Sep 2024

- Built front-end for hospital-focused RAG AI chatbot with OpenAI and vector retrieval
- Collaborated in a team of 4 to deploy and manage infrastructure on AWS EC2

#### Pintoh Asian Restaurant, Freelance Developer (Client Project, Cincinnati, OH)

Apr 2024 – May 2024

- Developed a customized, SEO-optimized WordPress website with a mobile-first, responsive interface, integrating a plugin stack and CMS backend for streamlined client-managed content and enhanced UX

### Education

BSc, Northern Kentucky University — Computer Science, Minor in Mathematics | Aug 2022 – May 2026

### Technical Skills

#### Frontend Development:

React, Next.js, TypeScript, JavaScript, HTML/CSS, Tailwind CSS, jQuery, shadcn/ui, WordPress, Elementor

#### Backend Development:

Supabase, PostgreSQL, Firebase, Stripe API, Resend, Edge Functions, AWS EC2, Python, Java, C, C++