

# Arun Khadka

[khadkaarun366@gmail.com](mailto:khadkaarun366@gmail.com) | (513) 317-8447  
[linkedin.com/in/arun-khadka](https://linkedin.com/in/arun-khadka) | [github.com/khadkaarun](https://github.com/khadkaarun) | [arunkhadka.com](https://arunkhadka.com)

## Education & Certificates

---

Bachelor of Science in Computer Science, Minor in Mathematics – Northern Kentucky University

## Work History/Projects/Internships

---

### *Software Engineer (Contract)*

*Feb. 2024 – Jul. 2025*

#### *PLT Seahorse LLC*

- Developed a business management platform using React, Node.js, PostgreSQL, REST APIs, JavaScript/TypeScript, and Tailwind CSS with real-time synchronization across multiple user interfaces.
- Built a responsive web application using HTML, CSS, Bootstrap, and JavaScript, enhancing usability, attracting 22,000+ user views over one year with an average engagement time of 2m 24s, and increasing daily order value by \$1,000.
- Implemented CI/CD pipelines using GitHub Actions and Vercel to streamline deployments and ensure production reliability.
- Built a React Native Android app with JavaScript/TypeScript and push notifications to improve staff communication and order coordination in real time.
- Reduced payment processing fees from 5% to 2.9% by integrating a custom payment API solution with secure authentication and role-based access.
- Created a CMS-driven WordPress and PHP platform with SEO optimization and mobile-first responsive design, improving discoverability and performance.

### *Software Engineering Fellow*

*Aug. 2024 – Sep. 2024*

#### *Headstarter AI Fellowship*

- Built a healthcare AI chatbot using Python (backend), React + JavaScript/TypeScript (frontend), and OpenAI APIs with vector-based retrieval.
- Designed modern UI components with Tailwind CSS and Bootstrap for accessibility and responsiveness.
- Deployed solution on AWS EC2 instances running Linux, containerized with Docker, and set up CI/CD pipelines using GitHub Actions for scalable production.
- Collaborated in a four-person agile team using GitHub, code reviews, and iterative sprints to deliver production-ready software.