

Christian Tioye

(502) 812-8106 • christiantioye@gmail.com

Portfolio: <https://tioye.dev> • GitHub: <https://github.com/codenificient>

OBJECTIVE

Results-driven new graduate seeking an entry-level position in Software Engineering, Cloud Engineering, Data Science or Machine Learning where I can leverage my expertise to implement cutting-edge solutions. I am committed to driving innovation, optimizing processes, and delivering high-quality results in a dynamic and collaborative environment

EDUCATION

University of Louisville | Speed School of Engineering | December 2023 | Louisville, KY

Master of Science in Computer Science and Engineering

- Completed an intensive program focusing on the intersection of computer science and engineering disciplines, with a strong emphasis on practical applications and theoretical foundations
- Relevant Coursework: Algorithms, Advanced Databases, Discrete Math, Automata Theory, C/C++/Go/Java Programming, Software Engineering, Networking, Distributed Systems, Systems Evaluation, and Machine Learning/Data Mining
- Engaged in hands-on projects to apply theoretical knowledge in real-world scenarios, fostering a deep understanding of the latest industry trends and technologies

TECHNICAL SKILLS

Python • Go • TypeScript • ReactJS • NextJS • NodeJS • PostgreSQL • MongoDB • GraphQL • AWS • Docker • Figma • ChatGPT

PROJECT EXPERIENCE

Solaire Platform | Sep-Dec 2023 | [Visit Solaire](#) | Username: xristianty@gmail.com | Password: Recruiter2024

I conceptualized and completed my Master's capstone project, the Solaire Platform, a comprehensive project management platform for solar energy deployed to the Vercel platform. Incorporates latest data visualizations to power decision making. Highlights include:

- **Full-Stack Development:** Implemented a modular technology stack following the latest software development practices.
- **AI Integration:** Incorporated AI prediction and routines, automating tasks across various stages of the solar project life cycle.
- **GitLab Pipeline and Testing:** Streamlined CICD pipeline, Cypress testing, and integrated Clerk Authentication.
- **Project Components:** *Remote PostgreSQL* hosted by Supabase, connected by GraphQL and managed by Prisma
 - *Dashboard:* Developed NextJS app for administrative tasks, analytics, and project management. [View Dashboard](#)
 - *Server:* Engineered a FastAPI server utilizing trained ML models for accurate predictions, forecasting. [Visit Server](#)
- **Challenges Overcome:** Successfully navigated challenges, such as automated database restoration, package compatibility, and Git version control. Deploying dockerized ML models to production was overcome through meticulous DevOps mindset

Fancy Fence East | Aug-Sep 2022 | [Fancy Fence East Website](#)

During my Contagency internship, I built and deployed a feature-rich website on the WordPress platform, contributing to the Fancy Fence company expansion and powering their go to market launch to the USA. Key contributions include:

- **Full-Stack Development with WordPress:** Leveraged Elementor and various plugins to implement high-resolution graphics provided by the Design Team. Embedded optimized videos hosted externally on Spotlightr to enhance user engagement
- **Gallery:** Personalized WP plugins to create an intricate gallery of galleries, showcasing the diverse portfolio of projects.
- **Document Download Feature:** User-friendly popup window allowing visitors to download PDF copy of technical documents
- **Ongoing Maintenance:** periodic site maintenance to ensure continued alignment with customer's evolving business needs.

WORK EXPERIENCE

Contagency.Agency | Remote | Web Development Intern | Aug 2022 – Dec 2023

As a Web Developer at Contagency, I created and architected technology solutions for clients by translating high resolution technical design documents into functional and visually appealing websites while learning from the team's diverse talent. Duties:

- Spearheading website development projects for diverse clients, leveraging the WordPress content management platform
- Collaborating with the Design Team to bring their creative visions to life, ensuring seamless integration of design elements into the final web products
- Implementing best practices in site maintenance, securing forms, ensuring optimal functionality and user experience.
- Setting up SEO strategies and addressing other marketing needs, contributing to improved online visibility and engagement
- Demonstrating proficiency in utilizing various technologies and tools to enhance website performance and responsiveness