

TOCHI ORAMASIONWU

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| [tochi-dev.web.app](https://github.com/Tochi-Orams/tochi-dev.web.app)

| github.com/Tochi-Orams

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SKILLS

Web/Coding: React, Next.JS, JavaScript, TypeScript, Node.JS, Express.JS, Git, HTML, Sass, CSS, Python, MySQL, Firebase

Creative: Figma, Adobe Photoshop, Adobe After Effects, Adobe Animate, Blender 3D

Project Management: CI/CD, Agile Project Management, Project Scheduling

Soft Skills: Communication, Leadership, Problem-Solving, Attention to Detail

RELEVANT WORK EXPERIENCE

GreenStreak Energies Ltd.

Lagos, Nigeria (Remote)

Front-End Developer – Freelance Contract

March 2023 – June 2023

- Engineered an SEO and Open Graph optimized single-page web application to establish a strong web presence for the company; increasing incoming business leads and inquiries by 75%
- Led UX/UI design efforts by creating and presenting empathy tools to guide the visual design and interactivity of the site
- Deployed and maintained React code and media assets; regularly updated the site based on company growth

The Hospital for Sick Children (SickKids)

Toronto, ON, Canada

Clinical Research Project Assistant – Part Time

October 2022 – April 2023

- Collaborated with clerical staff to develop a Python application for automating the compilation and submission of patient records into the hospital's central database; achieved an 85% increase in database submission efficiency
- Led the analysis of eye-tracking, performance, and subjective workload data from feedback-assisted CPR simulations
- Published documentation on relevant processes and best practices for clinical eye-tracking data analysis

EcoSystems Environmental Management Services Ltd.

Lagos, Nigeria

Applications Engineer – Full Time

September 2019 – August 2021

- Established international supply chain partnerships, leading to an 8% reduction in product procurement costs
- Developed standards for documentation production and organization; Improved documentation efficiency by 50%
- Effectively communicated technical product specifications and operation details to non-technical stakeholders

SOFTWARE DEVELOPMENT PROJECTS

PixelPraise Photo Rating Web App (work in Progress)

TypeScript, React, Node.JS, HTML, SCSS, Express.JS, MySQL

- Independently developed a full-stack social web app where users can share feedback on each other's photography
- Architected a MySQL backend database to securely store user account information and activity
- Engineered an Express.JS asynchronous Rest API to communicate between the frontend and backend of the web app
- Ensured app stability, scalability, and manageability by implementing strict typing using TypeScript
- Implemented themes and accents, creating a customizable UI to increase interactivity and user satisfaction using SCSS

Little Lemon Reservations Web App – Meta Front-End Developer Capstone

JavaScript, React, Node.JS, HTML, CSS, Figma

- Created Figma wireframe layouts and prototypes based on style guides; translated designs into a fully developed site
- Developed a responsive cross-browser web app compliant with modern web accessibility guidelines
- Created a reservation system with client-side form validation; Engineered a custom API to generate table availabilities
- Conducted unit and integration testing both manually and automatically using React Testing Library

Political Party Sentiment Analysis

Python, Pandas, Jupyter Notebook

- Analyzed tweets against a custom set of keywords to determine the political party affiliations of Canadian Twitter users
- Trained and tested various machine learning and deep learning models for NLP sentiment analysis of election tweets
- Implemented an SVM ML model (best performer) on a new set of tweets; classified tweet sentiments with 72% accuracy

EDUCATION

Meta | Coursera

Meta Front-End Developer Certification

November 2022 – April 2023

Key Courses: HTML, CSS, JavaScript, Version Control, React, UX/UI, Data Structures and Algorithms

University of Toronto – 3.88 GPA

Toronto, ON, Canada

Master of Engineering (MEng): Mechanical and Industrial Engineering

September 2021 – November 2022

University of Exeter – First-Class Honours (4.0 GPA equivalent)

Exeter, England, UK

Master of Engineering (MEng): Mechanical Engineering

September 2015 – July 2019