Nickrod Basiri

(647) 325-7910 | basirinickrod@gmail.com | LinkedIn | GitHub | nickrodbasiri.com

EDUCATION

York University | *Lassonde School of Engineering* — Sept 2023 – May 2027
- Bachelor of Engineering, Specialized Honours in Software Engineering
- Relevant Courses: Embedded Systems, Advanced Object Oriented Programming, Computer Organization

EXPERIENCE

Web Developer | *Aesthetic Therapies* — Oct 2024 - Present
- Developed and designed the business' website using **Next.js** and **TypeScript**, leveraging modular design and reusable components to enhance development efficiency.
- Implemented Agile methodologies and an iterative feedback loop to ensure the client's vision was achieved, while guaranteeing on-time delivery of project goals.
- Boosted website visibility by improving **SEO** using Google Lighthouse, increasing performance and accessibility metrics by **35%**, while driving higher traffic and improved search rankings.

Front Office & IT | *Rachel Maison de Beauté* — May 2023 – Aug 2024
- Set up and maintained essential systems for managing client bookings, transaction records, and customer history, streamlining appointment scheduling and payment processes.
- Managed appointment scheduling and administrative tasks, ensuring smooth operations during peak hours and maintaining an organized work environment.
- Configured company software to manage hundreds of client details, while providing technical support by diagnosing and resolving operating system issues.

PROJECTS

Pickle - Emergency Response | *React, Flask, Cohere AI, MongoDB, Auth0* — Jan 2025
- Worked with a team of three to develop an innovative emergency response map, leveraging SMS-based location sharing, heatmaps for first responders, and real-time AI-powered assistance.
- Implemented Auth0 passwordless login, enabling seamless integration of user authentication through phone numbers, ensuring secure access and ease of use.
- Awarded 3rd place out of 600+ participants for best use of Cohere AI at DeltaHacks XI.

Resume Roast - AI Resume Critique | *React, Google AI Studio, Elevenlabs* — Sept 2024
- Collaborated with a team of 3 to develop an AI powered web-based tool that analyzes a resume and produces AI-generated songs that provide constructive criticism.
- Engineered effective prompts to extract key insights from resumes, providing tailored feedback on content optimization, keyword usage, and formatting.
- Delivered tailored, constructive resume criticism that improved several users' job applications.

Express-CV - Resume Generator | *React, Javascript, Node.js* — Oct 2024
- Developed a web application designed to help users easily generate custom resumes by dynamically entering personal information, education, and work experience.
- Implemented streamlined user interface that allows for easy customization and formatting of resumes, tailored to individual preferences and professional requirements.
- Simplified resume creation for users, enabling them to tailor their resumes to specific professional needs efficiently.

Automatic Plant Watering System | *Matlab, Arduino* — Dec 2023
- Designed and created an automatic plant watering system with MATLAB and Arduino.
- Used real-time moisture sensors to detect when watering was necessary, notifying the user when this is done.
- Enhanced system reliability by integrating real-time data visualization in MATLAB, monitoring moisture levels.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS, C, C#, Python, Java, Bash
Technologies / Frameworks: Git, Node.js, React, NextJS, Tailwind, SQL, MongoDB, Flask, Figma, Unity, Arduino, Matlab, Linux, Microsoft Office