ANTHONY RODRIGUEZ

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WEB DEVELOPER

TECHNICAL SKILLS

Frontend Development:
- React, Vite, Next.js, Bootstrap, Tailwind CSS

Backend Development:
- Flask, SQLAlchemy, PostgreSQL

Learning:
- Node.js, Express, Data Structures and Algorithms

Developer Tools:
- RESTful APIs, Git, GitHub, Render, Google Anayltics, Vercel

Programming Languages:
- Python, JavaScript, TypeScript, Java, HTML, CSS, SQL

WORK EXPERIENCE

General Contracting Website

- Designed and launched a **fully responsive** website, enhancing user engagement and accessibility.
- Developed a **Flask** backend with **PostgreSQL** (**SQLAlchemy ORM**) and secured admin authentication with **Bcrypt**.
- Optimized **SEO**, increasing organic traffic 30% in three months.
- Integrated **WTForms** and **SendGrid API** for automated contact forms, improving client communication.
- Enhanced performance with **Flask-Compress**, cutting load times 20% and boosting page speed.
- Leveraged **Google Analytics** for data-driven UI/UX improvements, increasing lead conversions 20%.
- Deployed on **Render** (99.9% uptime) with domain management via Namecheap.

PROJECTS

Personal Finance Application   February 2025

- Built a budgeting application that allows users to track income and expenses.
- Integrated the **Plaid API** to securely fetch real-time financial data.
- Developed using **Next.js** and **TypeScript** for server-side rendering and improved performance.
- Managed state efficiently using **Redux** and added data visualization using **Recharts**.
- Designed a responsive UI using **Tailwind CSS** incorporating *ShadCN* components.
- Deployed on **Vercel**.

EDUCATION

Springboard Software Engineering Bootcamp   2024-present

- Developed hands on experience in front-end and back-end development while reinforcing industry best practices.

SUNY Old Westbury   2022-2024

- Completed coursework in Management Information Systems

Hofstra University   2015-2020

- Completed coursework in Accounting