



## SKILLS

- Python
- Javascript | Typescript
- Django
- Flask
- React | Next.js
- Node.js
- HTML/CSS
- SQL
- PostgreSQL
- Google Cloud Platform
- Docker
- CI/CD

## CONTACT



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<https://github.com/CarterSwain>

# CARTER SWAIN

## Software Engineer

## CAREER OBJECTIVE

Software Engineer with hands-on experience in **full-stack development**, **APIs**, and **databases**. Skilled in **Python**, **Javascript**, and **cloud technologies**, with a focus on building scalable and maintainable applications. Driven by the challenge of solving complex problems with clean, efficient code and purposeful **AI integration**.

## EXPERIENCE

### Web Developer | Swain-Tech Studio

(2023 - Present)

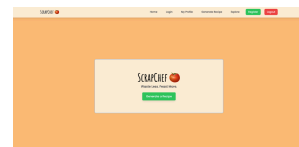
#### Swain-Tech Studio Website

- Developed an e-commerce site with integrated Stripe payment processing, enhancing user experience and increasing sales by 40%.
- Designed and optimized SEO for a fashion photographer's WordPress site, integrating a streamlined booking system that increased client bookings and inquiries.

## PROJECTS

### "ScrapChef" – AI-Powered Recipe Generator

Deployed @ <https://scrapchefapp.com>



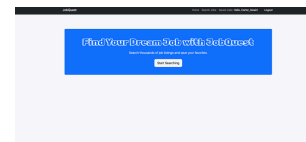
*Tech Stack: Django, Python, Tailwind CSS, PostgreSQL, Docker, OpenAI API, Google Cloud*

*Built a full-stack AI-powered recipe generator that personalizes outputs based on user-provided ingredients and preferences.*

- Integrated OpenAI API to create recipes from natural language input.
- Developed user auth (Google/email) and profile settings with Django Allauth.
- Designed responsive UI with Tailwind CSS; implemented save/delete features.
- Created an 'Explore' page to browse and like recipes from other users.
- Deployed on Google Cloud with CI/CD using PostgreSQL in both dev and production.

### "JobQuest" – Job Search & Tracking App

Deployed @ <https://job-quest-7lfk.onrender.com>



*Tech Stack: Flask, Python, SQLite, Adzuna API, Flask-Login, Flask-Bcrypt*

*Engineered a dynamic job search platform that connects to the Adzuna API to deliver real-time listings across various industries and locations.*

- Designed a secure authentication system using Flask-Login and Flask-Bcrypt, enabling users to register, log in, and manage saved job opportunities.
- Deployed on Render with persistent data storage via SQLite, providing a streamlined, always-available job tracking experience.