

Blake Brandon

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Python Developer building web applications with AI integrations. Delivered 8+ deployed apps using Flask, Django, and JavaScript—including a collaborative music platform and CRM system—with a focus on clean, maintainable code.

Experience

Software Developer - Contract

Success Financial Solutions | 2025

Independently designed and built a CRM System using Django designed to optimize operations for a team working both online and in the field.

- Created a lightweight offline data collection app designed for tablets used in the field, completely eliminating the need for future manual data entry and ensuring reliable client intake.
- Developed an automated email platform using Mailgun that sends scheduled sequences with reusable templates, ensuring consistent client engagement and freeing up staff time.

Projects

[Groove Hub](#) (2025) - [Code](#)

Real-time music-sharing app where users build collaborative YouTube playlists and chat in shared virtual spaces.

- Built synchronized chat and video playback across rooms using Flask-SocketIO.
- Used SQLAlchemy to store video queues and room data for persistence across sessions.

[Ongo the Art Collector](#) (2025) - [Code](#)

AI-powered app that generates humorous art critiques and voiceovers based on uploaded images.

- GPT-4o-mini (via Replicate) for image captioning and critique generation
- ElevenLabs for dynamic voice narration and interjection playback

Browser-based tools and visualizers built with Python, JavaScript, and Flask: [Markdown-to-HTML converter](#), [JS-to-Python code converter](#), [Posture Check](#), [Selection Sort](#), and [A* Pathfinding](#).

Technical Skills

Programming Languages: Python, JavaScript, SQL, HTML, CSS

Web Frameworks: Django, Flask

Machine Learning: TensorFlow.js, scikit-learn, ONNX Runtime Web

Tools & Platforms: Git, Heroku, Docker

Core Concepts: REST APIs, MVC architecture, CRUD operations, RBAC, ML workflows

Education

- Self-Directed Learning - Python, Web Development, and Machine Learning

Certifications

- AWS Certified Cloud Practitioner - AWS
- Machine Learning A-Z: AI, Python & R - *Udemy*
- Python Data Structures & Algorithms - *Udemy*
- Python OOP : Object Oriented Programming in Python - *Udemy*