

Blake Brandon

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Python developer building AI-powered tools and real-time web applications. Delivered 8+ deployed apps using Flask, Django, and JavaScript — from collaborative music platforms to AI art critics — with a focus on clean, scalable backend systems.

Experience

Software Developer

Success Financial Solutions | *Remote*

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

- Designed and implemented role-based access control for agents and admins
- Created a lightweight offline data collection app for budget tablets used in the field
- Built a Mailgun-powered campaign email system with reusable templates and scheduled delivery

Projects

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

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

- Synchronized playback and shared queue management
- Real-time chat using Flask-SocketIO

[Ongo the Art Collector](#) - [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](#).

Core Skills

Languages: Python, JavaScript, SQL, HTML, CSS

Frameworks: Django, Flask, TensorFlow.js, scikit-learn

Tools & Platforms: Git, Heroku, Docker, ONNX Runtime Web

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

Certifications & Learning

- 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*