

## Blake Brandon

Backend Developer · Brooklyn, NY

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🌐 Portfolio: [blake-brandon-portfolio-080c5c5b859c.herokuapp.com](https://blake-brandon-portfolio-080c5c5b859c.herokuapp.com)

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## About Me

Backend developer specializing in Python, Django, and Flask. I've built and deployed full-stack applications from the ground up—integrating APIs, managing data, and deploying to Heroku and AWS. I prioritize clean, maintainable code and practical solutions. I'm currently seeking a junior developer role where I can contribute, learn quickly, and grow with a strong team.

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## Technical Skills

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

**Frameworks:** Django, Flask, Bootstrap

**Tools & Platforms:** Git, Heroku, AWS (basic), Docker (basic)

**Core Concepts:** REST APIs, WebSockets, Authentication, CRUD, MVC

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## Certifications

- **AWS Certified Cloud Practitioner**
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## Courses & Practice

- *Python Data Structures & Algorithms* – Udemy
- *Python OOP: Object-Oriented Programming* – Udemy
- *LeetCode*: 65+ problems solved across data structures and algorithms

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## Projects

### ObjectSpeak

*TensorFlow.js, Web Speech API*

A mobile-friendly web app that uses your device's camera to identify and speak object names in real time.

- Built with the pre-trained COCO-SSD model
- Fully browser-based — no backend required

 [Live Demo](#) | [Code](#)

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### CRM System

*Django, Mailgun, Bootstrap, Heroku*

A full-stack CRM for managing client relationships and automating workflows.

- Role-based access (admin, agent)
- Offline data uploads with file parsing
- Campaign email scheduling powered by Mailgun

 [Live Demo \(Read-Only\)](#)

 Code unavailable (client-owned)

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### Groove Hub

*Flask-SocketIO, WebSockets, YouTube API*

A real-time music-sharing app where users build collaborative YouTube playlists and chat together in a virtual hangout experience.

- Shared playlist queue and video control
- Live chat and synced playback across users

 [Live Demo](#) | [Code](#)