Brandon Whited

Backend Engineer

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SUMMARY

Backend Developer in Go focused on scalable, real-time systems. Built modular Twitch bot libraries and production bots that process chat and events concurrently. I prioritize clean interfaces, event-driven design, and programmatic persistence to deliver maintainable, production-ready systems. Committed to lifelong learning and going the extra mile to facilitate continuous improvement.

EDUCATION

2025	Bachelor's Degree (Information Science & Technology) at **Temple University**
2025 - Current	Backend Development Track (Golang) at **Boot.Dev**

WORK EXPERIENCE

Twitch Chat Bot Developer   Jan 2026 - present

- Engineered a Go-based Twitch chatbot backend handling 1k+ concurrent chat users, boosting engagement metrics by ~40% across 3 client channels.
- Built a SQLite-backed points and reputation system, tracking thousands of user interactions and rewarding active participation in real-time.
- Implemented interactive minigames with server-side caching, reducing latency and preventing race conditions in high-traffic chat environments.

PROJECTS

Twitch Kit   github.com/brandonwhited-dev/twitchkit-examples

Go, Docker, EC2, REST, EventSub

- Developed a modular suite of Go libraries for building Twitch bots and services, enabling rapid deployment across multiple client channels.
- Implemented IRC, REST API wrappers, and EventSub WebSocket handling, supporting real-time chat interactions and Twitch Events.
- Designed clean, developer-friendly APIs with idiomatic Go patterns.

Owly Chatbot

C#, .NET, SignalR, MySql, AWS (Lightsail)

- Re-architected an MVC monolith into microservices, improving maintainability, scalability, and deployment efficiency for a real-time chatbot platform.
- Integrated SignalR to reduce chatbot response latency by 75%, enhancing real-time user experience.
- Led API development, database schema design, and microservice architecture for a 4-developer Agile team, delivering iterative improvements through bi-weekly demos.

SKILLS

Languages	Go, C#, Python, SQL, Javascript, HTML/CSS
Frameworks	HTMX, .NET, Tailwind CSS
Databases	SQLite, MySql, PostgreSQL
Dev Tools / Cloud	Git, Github, Linux, Bash, Docker, EC2, S3, Cloudflare