

# Nathan Crewe

Backend Developer

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**Vanessa Okoro**

Sky Betting & Gaming

Dear Vanessa,

I noticed the Backend Developer role at Sky Betting & Gaming and wanted to reach out. I actually interned at SBG back in 2020, where I built a bet settlement reconciliation tool that processed 2.1 million records in its first live test. So I have a sense of the scale and pace of the platform, and I'd like to come back to it with a lot more experience under my belt.

Since then, I've been at THG building the order routing service in Go that processes 840,000 orders a day across 7 warehouses. I designed the event-driven returns pipeline on AWS SQS and Lambda handling 23,000 returns daily with zero manual intervention, and I brought warehouse API response times down from 1.2 seconds to 180ms through Redis caching and connection pooling. Before THG, I was at Patchwork Health, where I built a shift-matching engine in FastAPI that matched 6,200 NHS shifts per week and helped break a Rails monolith into 5 microservices.

I enjoy working on systems where reliability and latency genuinely matter, and real-time betting is about as high-stakes as backend work gets. I'd be glad to walk you through any of this in more detail. Feel free to reach out whenever works.

Best regards,

Nathan Crewe