

## DIMITAR PRODROMOV

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### RE: Middle/Strong Middle Java Engineer Application

Dear Hiring Team at Patrianna LTD,

I am writing to apply for the **Middle Java Engineer** position. With over **4 years of experience** working in high-tempo product environments—specifically in the **Gaming & Betting** sector (DraftKings)—I am excited by the opportunity to join Patrianna's rapidly expanding team.

Your requirements for **Multithreading**, **SQL Optimization**, and **High-Load systems** resonate deeply with my professional background. I am not just a coder who writes functions; I am an engineer who thinks about *thread safety*, *database locks*, and *production stability*.

#### Why I am a strong fit:

1. **Domain Fit:** Coming from DraftKings, I understand the "social gaming" product cycle. I know the importance of handling user transactions securely and the critical nature of seamless scaling during live events. I have collaborated with cross-functional teams to deliver extensive product features.

2. **Technical Fit:** My recent R&D work involves building a complex, **Multithreaded Trading Engine** that processes thousands of signals per second. This has honed my skills in concurrency, **WebSockets** (Netty concepts), and **PostgreSQL optimization**—skills directly transferable to your Java stack. I have hands-on experience troubleshooting production issues using metrics and Kibana.

3. **Adaptability:** While my recent high-load projects utilized C# and Node.js environments, my core engineering principles are universal. I am a quick learner who can pick up Spring 6 / Java 23 specifics rapidly, leveraging my strong foundation in OOP and system design.

I am looking for a place where I can grow ("Limitless Growth") and contribute to a global platform. I believe my mix of industry experience and technical grit makes me a valuable addition to your team.

Thank you for considering my application. I look forward to the possibility of discussing how I can help Patrianna scale.

Best Regards,

**Dimitar Prodromov**