DIMITAR PRODROMOV

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Senior Backend Engineer

To the Talent Acquisition Team,
Patrianna LTD

I am writing to express my strong interest in the **Senior Java Engineer** position at Patrianna LTD. Having worked in the core engineering teams at **DraftKings**, I understand the unique adrenaline and technical rigor required to build global social gaming platforms that serve 150 million customers.

I have read your requirements carefully, and I want to address the "elephant in the room" upfront: my recent production experience has been heavily focused on **C# (.NET Core)** and **TypeScript/Node.js Environment** rather than pure Java. However, I am applying because I am a **Polyglot Engineer** who believes that while languages are tools, *Architecture is universal*.

My expertise aligns perfectly with the architectural DNA of Patrianna's platform:

- **High-Load & Concurrency:** At DraftKings, and in my recent R&D work on High-Frequency Trading engines, I have solved the exact scalability challenges you face—race conditions, millisecond latency requirements, and massive fan-out of WebSocket events. I understand that whether you use Java's `Reactor` or Node's `Worker Threads`, the principles of non-blocking I/O remain the same.

- **Event-Driven Systems:** I live and breathe complex ecosystem integrations. From orchestrating Docker Swarms to managing message consistency across distributed services, I build systems that are designed to fail gracefully and recover automatically— a necessity for any 24/7 gaming platform.

- **Domain Knowledge:** Unlike a generic developer, I don't need to be taught what a "bet slip" is, how wallet transactions must be atomic, or why latency kills user engagement during a live game. I hit the ground running with industry context.

I am confident that my deep understanding of **Object-Oriented Design patterns**, **SQL/PostgreSQL optimization**, and **Multithreading** will allow me to transition to your Java 24 / Spring Boot stack effectively within weeks, not months.

I am eager to bring my "High-Load" mindset to Patrianna and contribute to the next generation of social entertainment. I welcome the opportunity to discuss how my background in gaming architecture can deliver immediate value to your rapidly expanding team.

Best Regards,

Dimitar Prodromov