

Tarik Arnaut

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[GitHub](#) | [LinkedIn](#) | [Website](#)

SUMMARY

Backend engineer with 4 years of production experience building and maintaining Java microservices in the betting domain. Strong product ownership mindset to drive feature decisions and take end-to-end responsibility. Focused on payment integrations, real-time data processing and event-driven architectures at scale.

WORK EXPERIENCE

Sportradar

May. 2022 – Present

Backend Engineer

Remote

- Integrated money transactions and wallet integrations between client system and in-house wallet services and external RGS systems handling 1M+ transactions daily
- Implemented a transaction aggregation system processing 10M+ daily events at 10-30ms per event across 200+ tenants that collected all client transactions, applied business logic, and forwarded events to a central gamification platform using Kafka
- Integrated a live and pre-match odds feed adapter, streaming and transforming complex real-time event updates to a unified in-house feed format. Implemented recovery, caching, delta-based processing, event order and concurrency handling, achieving sub-20ms event processing latency and meeting sportsbook certification standards
- Built a provider-agnostic player awards & bonuses aggregation system, abstracting 5 provider-specific APIs behind a unified interface. Managed bonus distribution across 2M+ players, allowing clients to operate without awareness of underlying provider differences
- Integrated 7+ payment providers like Monri, Payten, Payspot, C-Pay, Chapa, VCash, etc. with 100K+ transactions daily
- Set coding standards and best practices for AI assisted development, improving consistency and reliability of agent generated outputs

SKILLS

- **Programming languages:** Java 17+ (main), JavaScript, Python
- **Technologies & frameworks:** Spring Boot, Kafka, Kubernetes, Docker, Redis, MySQL, JPA/Hibernate, Maven, Flyway, JUnit/Mockito/Testcontainers, Vault, Jenkins, Grafana/Graylog/Prometheus

EDUCATION

University of Dzemal Bijedic in Mostar

Oct. 2020 - March 2025

Bachelor's Degree in IT & Master's Degree in Business ICT (3+2)

Mostar, BiH

- Dean's Award (2020, 2021)
- Teaching assistant for C++ courses

PUBLICATIONS ON AI

- **Arnaut et al. (2026)** — *From Restricted Boltzmann Machines to Deep Belief Networks: A Multi-dataset Performance Study*, in **Advanced Technologies, Systems and Applications X (IAT 2025)**, [Springer](#).