Kunal Gaur
Software Engineer | Node.js

📍 Gurugram, Haryana, 122022   ✉ http.kunalgaur@outlook.com   📞7303421656   🔗LinkedIn

Work Experience

Software Engineer   *November 2024 - September 2025*
Deltatech Gaming Limited, Gurugram, Haryana

- **Optimized microservices-based backend systems** for a real-money poker platform with 5M+ users, improving REST API response times by 80% (verified using Elastic APM).

- **Constructed a high-performance transaction engine** for poker gameplay with multi-wallet support, reliably handling 5K+ transactions/min.

- **Designed a centralized event logging system** in PostgreSQL (as an operational data store) with RabbitMQ-based ingestion (20K+ transactions/min), enabling reliable BI and analytics pipelines with zero data loss.

Software Engineer   *October 2023 - November 2024*
Simplyfi Softech Private Limited, Bengaluru, Karnataka

- **Developed a tokenized asset marketplace** with escrow-backed transactions and sub-second query performance, enabling secure multiparty exchanges.

- **Integrated Razorpay APIs** and implemented a **comprehensive KYC pipeline** supporting Aadhaar, PAN, Passport, and License verification for regulatory compliance.

- **Architected and deployed full-stack systems** with RBAC, AWS SNS notifications, and S3 storage, strengthening platform security and operational reliability; resulted in a full-time conversion offer.

Key Skills

Programming & Concepts:	TypeScript, JavaScript
Backend & Systems:	Node.js, NestJS, Express.js, REST API, RabbitMQ
Frontend:	React.js, Next.js
Databases:	PostgreSQL, MySQL, MariaDB, MongoDB, Redis
Cloud & DevOps:	Git, GitHub, GitLab, Postman
Other:	System Ownership, Documentation, Cross-functional Collaboration

Projects and Contributions

Event-Driven Rule Engine

- **Engineered a dynamic rule engine** to trigger WebEngage notifications on user events, replacing hardcoded logic with config-driven, real-time rule configuration.

- **Developed a management panel** with validations, reducing repetitive code across **20+ microservices** and enabling scalable updates with minimal developer effort.

- **Incorporated RabbitMQ-based messaging** for sub-second event processing, ensuring reliable real-time communication across distributed systems.

Collusion Detection Subsystem

- **Built a fraud detection subsystem** preventing collusion in cross-platform gaming by analyzing payment methods, devices, and networks; improved fairness and trust among players.

- **Applied RabbitMQ and Redis (hash/JSON)** with **Redis Search**, enabling efficient multi-key queries and near real-time detection.

Education

Bachelor of Technology, ECE, 2019-2023, CGPA - 8.4
Guru Gobind Singh Indraprastha University, Dwarka, New Delhi