Dima Green

Backend QA Engineer
Israel | Open to Remote
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Professional Summary

Backend-focused QA Engineer with 8+ years of experience testing distributed, database-driven systems including SaaS platforms, e-commerce engines, payment integrations, and POS ecosystems. Strong expertise in backend business logic validation, transaction consistency, concurrency edge cases, authentication flows, and risk-based release validation.

Core Competencies

- REST API validation (functional, negative, edge cases)
- Business logic & transactional integrity testing
- Idempotency & replay protection validation
- Concurrency and race-condition scenario testing
- Online payment flow validation & reconciliation
- Webhook reliability & retry logic testing
- Inventory consistency under concurrent operations
- SQL-based validation (MySQL, PostgreSQL)
- Kubernetes log inspection & environment validation
- Redis caching behavior awareness
- CI collaboration & regression validation
- Python (pytest, async HTTP testing - personal projects)

Professional Experience

Senior QA Engineer (2019 – 2024)

- Tested SaaS portal and core e-commerce engine.
- Validated online payment integrations and transaction consistency.
- Tested POS backend systems and receipt printing service deployed across 2,000+ machines.
- Validated SSO authentication flows and permission models.
- Tested promo-code engine including abuse scenarios (duplicate apply, concurrency).
- Validated delivery service backend logic and order lifecycle.
- Investigated production incidents using Kibana logs and SQL queries.
- Participated in release validation within Kubernetes environments.

QA Engineer (2015 – 2019)

- Functional and backend validation of web and mobile applications.
- API testing and SQL-based data verification.
- Participation in release cycles and structured test case management.

Technical Projects (Personal)

- Designed multi-tenant backend system with encrypted configuration handling.
- Implemented JWT-based authentication and blacklist validation logic.
- Developed Python-based API tests using pytest and async HTTP clients.
- Built containerized document-processing pipelines.

Languages

Russian — Native | English — Professional working proficiency