

# Mohamed N. Kadi

New York, USA | +1 929 665-6351 | [n.kadi63@gmail.com](mailto:n.kadi63@gmail.com) | Portfolio: <https://www.mkadi.dev>

LinkedIn: [linkedin.com/in/mohamednkadi](https://www.linkedin.com/in/mohamednkadi) | GitHub: [github.com/mohamed-kadi](https://github.com/mohamed-kadi) | U.S. citizen | Full-time eligible

## PROFESSIONAL SUMMARY

Backend-focused software engineer experienced in designing application backends, APIs, data models, background jobs, audit trails, and operational workflows. Strong at turning ambiguous business processes into structured systems with clear security boundaries, reliable data flow, and maintainable implementation paths. Focused on backend engineering, system design, applied algorithms, data integrity, and production-oriented operational reliability.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, TypeScript, SQL

**Backend:** Spring Boot, REST APIs, Spring Security, JWT, RBAC, WebSockets, asynchronous jobs, Redis, RabbitMQ

**Frontend:** React, Next.js, Angular

**Database:** PostgreSQL, relational modeling, migrations, query optimization, workflow state machines, audit logs

**Systems:** Domain modeling, API integrations, retry flows, rate limiting, event history, operational dashboards

**DevOps & Tools:** Docker, GitHub Actions, Render, Netlify, Git, Postman, Swagger/OpenAPI

## EDUCATION

**B.Sc. Computer Science**, York College (CUNY), Queens, NY | 08/2020 - 01/2022 | GPA: 3.69 | Dean's Honors

**A.S. Computer Science**, LaGuardia Community College, NY | 09/2018 - 06/2020 | GPA: 3.50 | Dean's List

## PROFESSIONAL EXPERIENCE

- Java Developer Consultant, Training Program - FDM Group** 08/2023 - 01/2024
- Built secure backend services with Spring Boot, Spring Data JPA, Spring Security, and REST APIs in Agile/Scrum projects.
  - Implemented authentication, authorization, role-based access control, and microservice API integrations.
  - Wrote JUnit and Mockito tests, optimized SQL queries, and improved API response behavior through focused backend profiling.

## PROJECT EXPERIENCE

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| <p><b>Wasilio - COD Operations &amp; Risk Platform</b> <span style="float: right;">Current</span></p> <ul style="list-style-type: none"><li>Modeled COD confirmation, callbacks, courier assignment, failed delivery, billing, and staff actions as explicit workflow states.</li><li>Designed risk-scoring direction using merchant signals, delivery history, customer behavior, fraud indicators, and outcome feedback.</li></ul>              | <p><b>InvoiceMix - Invoice Combination Optimization</b> <span style="float: right;">02/2024 - 03/2025</span></p> <ul style="list-style-type: none"><li>Built a Spring Boot and React reconciliation app with bounded subset search, pruning, required IDs, filters, and result caps.</li><li>Implemented Excel upload, saved scenarios, CSV export, repeatable workflows, Docker, Render, and Netlify deployment paths.</li></ul> |
| <p><b>Medical Case Tracker - Clinic Workflow Platform</b> <span style="float: right;">Portfolio project</span></p> <ul style="list-style-type: none"><li>Built a Spring Boot and Angular clinic platform with JWT, RBAC, route guards, role dashboards, patient records, cases, and appointments.</li><li>Added verified patient portal linking, audit events, Flyway migrations, backup/restore controls, localization, CI, and tests.</li></ul> | <p><b>Trusila - Cross-Border Delivery Platform</b> <span style="float: right;">Current</span></p> <ul style="list-style-type: none"><li>Built multi-role dashboards and REST APIs for booking, tracking, delivery states, payments, validation, and admin review.</li><li>Integrated WebSocket chat, Stripe, PayPal, Google Maps, messaging APIs, audit trails, Docker, and CI/CD workflows.</li></ul>                            |