

Leonardo Nkuba

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Summary

Computer Programmer & Analyst student and Software Developer with experience across professional, academic, and independent software projects, specializing in modern application development. Experienced in Java, TypeScript, Node.js, REST APIs, relational databases, with a strong foundation in Object Oriented Programming and Data Structures and Algorithms.

Technical skills

Languages: Java, C/C++, SQL, Git, Python, JavaScript

Backend & APIs: Node.js, React, Express, Spring Boot, Prisma, FastAPI, REST

Frontend: React.js, Next.js, TypeScript, Tailwind CSS, State Management

Databases: PostgreSQL, MySQL, Supabase

Experience

Software Developer, Evolvout.tech, *Remote, Angola*

Dec 2024 – Jun 2026

- Built and delivered responsive full-stack web applications by translating client requirements into maintainable front-end, backend, API and database solutions, improving client workflow efficiency.
- Collaborated with clients and team members to define requirements, prioritize features, and design technical solutions, reducing development rework by 12% and improving alignment with project goals.
- Integrated APIs, backend services, and relational databases to support reliable end-to-end application functionality.
- Tested, debugged, and maintained applications through Agile and Git-based workflows, resolving 40+ issues/features and improving release reliability before deployment.

Full-Stack Developer, PEA, *Remote, Angola*

Jul 2025–Oct 2025

- Built a full-stack academic operations platform using Next.js, APIs, and relational databases, reducing manual administrative workflow by 60%.
- Designed database queries and reporting workflows, reducing staff information-retrieval by 66%, improving academic access.
- Integrated dynamic student's statistics and Google Sheets-backed data, reducing manual content update by 24% across platform.
- Redesigned responsive navigation and user flows across desktop and mobile, improving task completion efficiency by 40%.

Education

Fanshawe College of Applied Arts and Technology

Sep 2025 - Dec 2028

Advanced Diploma in Computer Programming and Analysis

GPA: 4.13/4.20

Relevant Coursework: OOP, Data Structure and Algorithm, Client/Server Application, Relational Databases, Network Fundamentals, Web Development, Operating Systems

Projects

KixiPay | Digital platform designed to modernize KIXIKILAS (community savings groups)

- Designed and developed a full-stack monorepo architecture using Next.js, TypeScript, Express, PostgreSQL and Prisma.
- Built secure backend services with JWT authentication, bcrypt password hashing, protected routes and reporting features.
- Implemented features to manage savings groups, contributions, loans and member activity separating web and API services.

Python Monsters | Pokémon-inspired RPG

- Architected a modular Python RPG using OOP design, separating monsters, player, combat, inventory, and progression system into reusable components.
- Built turn-based battle mechanics with stat-driven combat, progression, and game-state management inspired by Pokémon and classic Final Fantasy.
- Designed extensible gameplay systems that simplified the addition of new monsters, items, and combat behaviours.

PEA Education Platform

- Developed and optimized a Next.js education platform serving 100-250 daily request, delivering low-latency interactions.
- Implemented API-driven data flows, Google Sheets-backed content, and metadata based filtering to support dynamic statistics.
- Integrated web usage analytics and optimized routing, navigation, and responsive user flow across desktop and mobile devices.

Additional Experience

Mandarin Restaurant Franchise Corporation – London, ON

Jan 2026 - Present

Bartender/Host

- Collaborate with servers, host staff, and management in a fast-paced environment to coordinated front of house operations.
- Apply problem-solving to resolve customer concerns, respond to inquiries, and maintain efficient operations across teams.
- Coordinate reservations, seating, waitlist, requiring accurate information management and continuous communication with coworkers.