

Gideon Ashiru

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EDUCATION

University of Manitoba

Bachelor of Science in Computer Science

Winnipeg, MB

Expected Graduation: Spring 2027

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Software Engineering, Database Concepts & Usage, Human Computer Interaction.

TECHNICAL SKILLS

Languages: JavaScript, C, C++, Java, HTML/CSS, SQL

Frontend: React, Next.js, Tailwind CSS

Database Platforms: MySQL, HSQLDB

Tools & Platforms: Git, GitHub, GitLab, VS Code, Android Studio

Development Practices: Agile Methodologies, Version Control, Test-Driven Development, Code Review, AI-Augmented Development Workflows

PROJECTS

Examit – Android Study App

Java, Android Studio, HSQLDB, JUnit, Espresso, Mockito

[gitrepo/examit](#)

- Contributed across the full stack of an Android study app over 4 months, coordinating feature branches and code reviews across a 4-person team on GitLab
- Built quiz and multiple choice question functionality, handling both the UI layer and its data logic
- Co-designed the local HSQLDB schema to store and retrieve study data, structuring tables around the app's flashcards and tests question logic
- Refactored the codebase across Data, Logic, and UI layers to align with SOLID design principles, improving separation of concerns and testability
- Wrote unit and integration tests using JUnit, Espresso, and Mockito

Umoja - NonProfit Website

Next.js, React, TypeScript, Tailwind CSS, Sanity, Resend, Upstash

www.umojahelpcenter.com

- Built a multi-page nonprofit website from scratch, implementing custom GSAP animations and a fully mobile-responsive UI
- Integrated Sanity CMS with a custom content schema, allowing non technical clients to publish and manage content without my involvement
- Implemented API rate limiting using Upstash to protect contact form endpoints from spam and excessive requests
- Configured ISR via Sanity webhooks to automatically revalidate pages on content publish, removing manual redeployment
- Implemented production-ready SEO including sitemap, robots.txt, Open Graph metadata, and submitted the site to Google Search Console for indexing and performance monitoring

RSVP Hub – Event Management Web App

React, Next.js, TypeScript, Tailwind CSS, PostgreSQL, Supabase

[project/rsvphub](#)

- Built a shareable RSVP link system allowing event hosts to invite attendees without requiring account creation, making the core user flow frictionless
- Designed a PostgreSQL schema from scratch using Supabase, restructuring table relationships mid-development after identifying real query performance issues
- Integrated Supabase Auth to handle user authentication and protect event management routes from unauthorized access
- Built the full event creation flow end-to-end, owning both the UI layer and the underlying data logic across the stack
- Implemented a fully responsive UI across mobile and desktop using Tailwind CSS and ShadCN component library

PopMe - Bubble To-do Planner

React Native, TypeScript, Expo

[gitrepo/PopMe](#)

- Applied human-centred design principles throughout, making deliberate interaction and UI decisions to keep the app intuitive and tactile (e.g. long-press to delete, live edit preview)
- Implemented real-time bubble physics (buoyancy, collision, priority zones) by integrating Matter.js into the project
- Debugged a silent crash by reproducing it on device and tracing the root cause through Logcat logs
- Accelerated development using an AI-augmented workflow, by writing structured prompts, critically reviewing generated code, and integrating only what met the project's standards

WORK EXPERIENCE

Produce Worker

Safeway, Winnipeg, MB

June 2020 – Present

- Developed a strong work ethic and reliability through 5+ years of consistent performance in fast-paced retail environment while completing a full-time CS degree
- Built good teamwork and communication skills from coordinating with multiple departments and reports to my supervisors

ADDITIONAL INFORMATION

Location: Winnipeg, MB

Availability: Anytime

Work Authorization: Authorized to work in Canada