JOTHAM SIMIYON STANLIRAJAN

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EDUCATION & CERTIFICATES

University of Manitoba Sep 2021 - Oct 2026
Bachelor of Science in Computer Science

EXPERIENCE

GraceSoft Technologies | Project Intern Jun 2025 - Jun 2026

- Developed an LLM-powered AI chatbot and **RAG**-based document information system using **Python**, **Streamlit**, and **LangChain** with persistent vector storage to support automated question answering and hotel policy retrieval.
- Automated steps in customer-to-booking workflows and built information retrieval and hotel knowledge ingestion pipelines.

Skechers | Sales Associate Sep 2023 - Jan 2024

- Resolved customer concerns and supported day-to-day store operations in a customer-facing retail role.

PROJECTS

Cardex | React, TypeScript, ASP.NET Core, PostgreSQL, Docker, GitHub Actions Jan 2024 - Apr 2024

- Collaborated in a six-person **Agile** team to build a car trading-card platform,
- Developed reusable **React** components and connecting frontend interfaces to backend **REST APIs**.
- Implemented **CI/CD** practices utilizing **Docker** and **GitHub Actions** workflows for testing and staging environments.

Paris Olympics Database | Microsoft SQL Server, SQL Jan 2024 - Apr 2024

- Modeled the 2024 Paris Olympics dataset in **Microsoft SQL Server**, developing entity-relationship (ER) diagrams during planning stages, and cleaning and normalizing source data to improve relational consistency.
- Developed complex **SQL** queries and applied safe practices against SQL injection through parameterized queries and transactions.

Stackd | Python, Flask, SQLite, Supabase, Gemini May 2024 - Dec 2024

- Built a resume and job requirement match predictor that processed documents and job descriptions using **Python** and **Gemini** analysis.
- Showed matching insights and evaluation results in an interactive dashboard to help users improve resume alignment and content.

Distributed Chat Server | Python, HTML, JavaScript Jan 2024 - Apr 2024

- Built a multithreaded chat server using **Python**, TCP sockets, and select-based I/O multiplexing to handle concurrent browser and terminal client connections.
- Implemented message relay, file-backed message history, and asynchronous polling for real-time client-server communication.

SKILLS

Languages	Python, Java, SQL, TypeScript, JavaScript, HTML, CSS
Frameworks & Libraries	React, React Native, Flask, LangChain, Node.js
Developer Tools	Git, GitHub, GitLab, Docker, GitHub Actions, Supabase, Microsoft SQL Server, PostgreSQL, Azure, Claude, Codex

VOLUNTEERING

AI Club Executive | University of Manitoba Sep 2022 - Apr 2024

- Helped organize industry talks and created event promotions to support student engagement in artificial intelligence.