

# Sreeman Reddy Gokula

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## Education

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### University of Alberta

Bachelor's of Science

Major in Computing Science with AI option

Edmonton, Alberta

Expected 2028

## Experience

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### Digital Transformation & Automation

May 2025 - Aug 2025

Student Consultant | Hyderabad, India

- Analyzed 8+ business workflows to identify inefficiencies and opportunities for digital process improvement.
- Built 4 lightweight AI-enabled workflows for reporting and summarization, reducing recurring manual effort by ~30%.
- Gathered requirements from cross-functional stakeholders and translated them into 3 implementation-ready solution plans.
- Delivered executive-ready presentations to 10+ stakeholders, summarizing recommendations, trade-offs, and adoption steps.

## Projects

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### Sales Analytics & Transaction Management System (Python, SQL, SQLite)

- Designed a relational database schema and wrote 15+ SQL joins/aggregations for customer, inventory, and sales analysis.
- Integrated SQL analytics with Python to validate 5,000+ transaction records and generate decision-support reporting outputs.
- Implemented transaction-oriented processing logic for order handling with input validation and consistency checks.

### The Monopolizing Salesperson (C99)

- Built a turn-based game engine in C with dynamic grid sizing, multi-entity state management, and strict rule enforcement.
- Implemented pointer-driven algorithms for Manhattan-distance targeting, directional intelligence, and deterministic tie-breaking.
- Managed dynamic memory safely across the entire program.

## Technical Skills

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- Languages: Python, Java, C99, SQL
- Analytics & Data: Power BI, SQLite, pandas, NumPy, Excel
- AI & Automation: Microsoft 365 Copilot, Copilot Studio, workflow automation, prompt design, ChatGPT
- Tools: Git, GitHub, Microsoft Office, Linux

## Volunteer Experience

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### Safewalk Patroller | Trainer

Jan 2025 - Present

University of Alberta, Edmonton, AB

- Provided safe walking escorts during evening and night hours, ensuring campus safety
- Trained and mentored new volunteers on Safewalk procedures and emergency response

### Junior Mentor

Jan 2026 - Present

Faculty of Science, University of Alberta, Edmonton, AB

- Mentored junior science students by providing academic guidance, study and transition strategies
- Supported faculty-led mentoring activities and promoted a positive, inclusive learning environment