Jaeden Rotondo
Software Developer and Computer Science Graduate

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Hi! I'm Jaeden, a Software Developer and Computer Science graduate from Concordia University specializing in full-stack development.. I drive innovation through technical excellence, having implemented critical security solutions and developed performance-enhancing features that directly impact business outcomes.

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern at Flexspring   8 Months, 2023-2024
- Implemented and maintained a React/Spring web application using TypeScript and MongoDB, delivering key components 2 weeks ahead of schedule
- Created a Google Analytics React hook that reduced tracking implementation time by 90%, now adopted as a company standard
- Implemented two critical cybersecurity fixes in user creation that protected from cross-site scripting attacks
- Engineered a dynamic React table component with server-side processing that improved data loading speeds by 60% for large datasets

Technical Writing Intern at Zebra Technologies   4 Months, 2022
- Orchestrated the creation of component-level documentation for the Matrox Imaging Library, resulting in a reduction in developer onboarding time
- Authored comprehensive User Guide and API Documentation for the barcode scanning module based on internal documentation and SME interviews.
- Collaborated with the engineering team to translate complex technical concepts into clear documentation.

PROJECTS

CollabTeX - Collaborative LaTeX Editor - Live Site - Github - Blog Post - Demo Video   June 2025
- Designed and developed a peer-to-peer (P2P) collaborative text editor that supports LaTeX compilation services and PDF previewing. Written in TypeScript and Python.
- Leveraged Docker spawn builds, CRDTs for P2P collaboration, SQLite Database, IndexDB, SvelteKit.

Multi-Agent Chatbot - Github - Blog Post - Demo Video   April 2025
- Implemented LangChain for memory management with context retention over extended conversations.
- Intelligent Multi-Agent GPT and interface created with Python, Ollama.

EDUCATION

Concordia University - (2020-2025)
- Artificial Intelligence: Neural networks, knowledge representation, and ML algorithms, Genetic learning, Natural Language Processing (NLP).
- Intelligent Systems: Multi-agent systems, chatbots, and AI Pipelines, Natural Language Processing (NLP).
- Computer Networks: TCP/IP, wireless networks and security, development in Python, streaming application algorithms.

SKILLS

- **Frontend:** Typescript, Javascript, HTML/CSS, React, Tanstack Query, Svelte, Tailwind CSS, MUI
- **Backend:** Python, Java, Springboot, SQL, Database Management, REST API, network architecture
- **Devops:** TCP/IP, Linux, Docker, Network Protocols, Auth 2.0, Jenkins, Secrets Management, Bash
- **Other:** Technical Writing, UI/UX Design Principles, Neural Networks, Prompt Engineering, LLM Integration
- **Languages:** English (Fluent), French (A2), Arabic (A2)