

# George Salib

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## SUMMARY

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Backend focused software engineer with experience building and maintaining production systems used by real users in both startup and corporate environments. Strong background in system design, automation, and internal tooling, with a focus on translating business and operational workflows into reliable, scalable software. Comfortable owning problems end to end from understanding requirements and designing architecture to implementation, deployment, and long term support.

## WORK EXPERIENCE

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### Freshstone Brands

Junior Developer

Sep 2023 – Present

- Design and implement internal automation systems using Microsoft Power Automate to reduce manual processes and improve efficiency across multiple departments
- Build Power Apps interfaces that allow non-technical staff to interact with automated workflows in a controlled and user-friendly way
- Maintain, debug, and extend existing automation pipelines, ensuring reliability, performance, and long-term maintainability in a production business environment
- Lead development on a new internal project using Microsoft Copilot Studio to create an AI-powered assistant that helps employees query internal data, understand workflows, and complete tasks more efficiently
- Work closely with business stakeholders to understand operational bottlenecks, translate requirements into technical solutions, and iterate based on real usage feedback

### Freshstone Brands

IT Intern

May 2023 – Sep 2023

- Managed company-wide device inventory by tracking hardware assignments, usage, and signed agreements to maintain accountability and compliance
- Performed device setup, troubleshooting, and repairs while minimizing downtime for employees and day-to-day operations
- Supported internal IT requests and operational needs, developing a strong understanding of how technical systems impact business workflows
- Assisted in improving internal communication processes to ensure clearer and more consistent company-wide announcements

### KonnectTaps

Founder & Lead Engineer

Dec 2023 – Present

- Co-founded and led development of a digital NFC-based personal branding platform, taking ownership of system architecture and technical direction
- Designed and implemented backend services including APIs, database schemas, authentication flows, and core application logic
- Built and optimized system performance while troubleshooting and resolving production issues for real users
- Created technical architecture plans and development roadmaps, delegating tasks to both technical and non-technical team members
- Owned the full technical lifecycle of the product, from initial planning and development through deployment, monitoring, and iteration

# SOFTWARE PROJECTS

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## Library Management System

May 2024 – Present

- Designed and developed a backend-first library system using Node.js, React, and MySQL with full authentication and inventory management workflows
- Implemented automated overdue tracking and scheduled scans to reduce manual administrative work and improve reliability
- Deployed the system to support hundreds of community members and a high volume of borrowing transactions
- Focused on clean data models, system reliability, and operational simplicity rather than UI-heavy complexity

Utilized: React, Node.js, MySQL

## MIX Registration & Queueing System

2024

- Designed and built a high-demand event registration system with intelligent queueing and capacity enforcement
- Handled large spikes in concurrent users during peak registration windows while maintaining fairness and system stability
- Built admin workflows for managing registrants, exporting data, and monitoring registration status in real time
- Designed the system specifically for operational clarity in time-sensitive, real-world event environments

Utilized: React, Node.js, MySQL

## Avphania – AV & Event Management System

2023 – Present

- Built an internal operational platform for managing AV equipment, events, rehearsals, and logistics for church and community teams
- Designed workflows based on real production usage and time-sensitive operational constraints
- Improved visibility into equipment usage and event planning while reducing manual coordination
- Focused on reliability, clarity, and usability for non-technical users in high-pressure environments

Utilized: React, Node.js, MySQL, MUI

# EDUCATION

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## Wilfrid Laurier University

BSc Computer Science (Graduated Early)

Sep 2022 – Oct 2025

Waterloo, ON

- Graduated one year early while building and deploying multiple production software systems
- Applied theoretical computer science concepts directly to real-world backend and automation projects
- Relevant coursework: Data Structures, Operating Systems, Computer Networks
- Developed strong foundations in algorithms, system design, and practical problem-solving

# SKILLS

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**Software (proficient):** Node.js, JavaScript, MySQL, React, Next.js, Power Automate, Power Apps, Backend System Design, API Design, Python, SQL, Java

**Software (familiar):** Docker, FastAPI, React Native, Flask, Copilot Studio, Git