

MOKSH SIRUVANI

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PROFILE

Software developer focused on AI systems, automation, and full-stack applications. Built and deployed software for DECA Ontario and contributed to engineering projects at a YC-backed startup. Experienced in LLM workflows, web scraping, developer tooling, and rapid product development. Incoming Queen's University Mechatronics & Robotics student.

EDUCATION & HONOURS

Sinclair Secondary School *Expected Jun 2026 Ontario Secondary School Diploma • Ontario, Canada*

- Hack Club High Seas — Top 5 Globally (among thousands of participants)
- Accepted to Queen's University — Mechatronics & Robotics Engineering (Fall 2026)
- DECA ICDC Provincial Champion
- FIRST Robotics Blue Banner Winner

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, C++, SQL, Bash

Frontend: React, Next.js, Tailwind CSS

Backend: Node.js, Express, REST APIs

Databases: PostgreSQL, SQLite, Prisma, SQLAlchemy

AI & APIs: OpenAI API, Claude API, OpenRouter, LLM Fine-Tuning, Prompt Engineering, Agentic Systems

Infrastructure & Tools: Docker, Git, GitHub Actions, Playwright, Browser Automation, Web Scraping

EXPERIENCE & LEADERSHIP

Software Engineering Intern @ Magic Hour (YC-backed startup) | *Jun 2026 – Present*

- Contributing to AI research, rapid prototyping, and product development initiatives across multiple internal projects.
- Building and evaluating proof-of-concept systems involving LLM workflows, automation, and emerging AI technologies.
- Collaborating with engineering and product teams to explore new features, validate technical approaches, and accelerate experimentation.

Software Engineering Intern @ DECA Ontario | *Mar 2026 – Present*

- Leading development of an AI-powered case evaluation platform integrated into DECA Ontario's web infrastructure.
- Built systems for automated rubric evaluation, scoring consistency analysis, and AI-generated feedback across competitive business events.
- Collaborating with organizational stakeholders to support pilot deployment and evaluate the effectiveness of AI-assisted judging workflows.

Founder & President, Coding Club | *2023 – 2026*

- Founded and lead a 30-member coding club, organizing programming workshops, hackathon preparation sessions, peer mentorship initiatives, and collaborative software projects.
- Designed educational resources and hands-on activities covering software development, robotics, AI, and competitive programming.
- Fostered a community of student developers through project showcases, technical talks, and collaborative learning opportunities.

FIRST Robotics Team 9621 | *2023 – 2024*

- **Won a FIRST Robotics Blue Banner** in rookie year, contributing to mechanical design, embedded C++ programming, and systems integration under a 6-week build cycle.

PROJECTS

LinkedIn Growth OS — Full-Stack Content Intelligence Platform *2026 React.js, Next.js 14, TypeScript, Prisma, SQLite, Claude API* • *Full-stack personal project*

- Built a full-stack content intelligence platform consisting of 19 API routes, 41 React components, and ~10,000 lines of TypeScript for LinkedIn analytics, benchmarking, and AI-assisted content generation.
- Developed a Day 1/7/30 scoring engine that benchmarks posts against historical performance across 9 metrics and outputs a normalized 0–100 performance score.
- Integrated AI-powered post generation, hook generation, post analysis, and growth insight features using the Claude API with database-level caching and rate limiting.

Crawl / OpenClaw — Autonomous SEO & GEO Platform *GenAI Genesis 2026 React.js, Python, LLM APIs, Web Scraping* • *Co-built with Nitya Savaram and Ryan Roychowdhury* • github.com/Nityasav/openclawseo

- Built an autonomous SEO and GEO platform leveraging web scraping, LLM workflows, and automated content analysis to generate optimization insights and content recommendations.
- Developed scraping infrastructure and AI-powered optimization pipelines using Python, React, and LLM APIs.
- Presented the working prototype to judges and industry professionals at GenAI Genesis.

KnockFree — Accelerometer-Powered macOS Automation Tool *Swift, Swift UI, IOKit HID, CoreGraphics*

- Built a macOS menu bar application that detects physical knocks on Apple Silicon MacBooks using accelerometer data and maps them to configurable system actions.
- Implemented real-time gesture classification for single, double, and triple knocks using custom signal-processing techniques.
- Integrated low-level HID device access, media controls, application launching, and configurable automation workflows.

commitgpt — LLM-Powered Git Hook CLI *2026 Python, Git, GitHub, Anthropic API* • github.com/broiisapro/commitgpt

- Developed a Python CLI tool that analyzes staged Git diffs and automatically generates Conventional Commit messages using LLMs.
- Integrated directly into Git workflows through custom commit hooks for seamless developer adoption.
- Implemented validation and formatting pipelines to ensure standards-compliant commit messages.