Julian Salvador

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EXPERIENCE

Founder — Nov 2025 – Present
Stealth Startup — *Toronto, ON*
- Designed an AI UGC analytics platform using **Next.js**, supporting **10+** creators with **100k** total followers.
- Engineered a data pipeline with **Apify** and **n8n**, scraping and filtering **1000+** instagram reels.
- Built a **Supabase** backend with RLS, optimized **PostgreSQL** schemas, SMTP auth and automated data sync.
- Increased creator performance by **1-2k** higher views per reel using AI-optimized hooks, scripts and visual guides.

Software Developer — Sep 2025 – Present
UW Orbital — *Waterloo, ON*
- Developed internal dashboard using **React + TypeScript** to visualize live telemetry and satellite status.
- Implemented **FastAPI** decoding, validation, and streaming endpoints, improving backend responsiveness.

STEM Instructor — July 2024 – Aug 2025
Simon Fraser University Faculty of Applied Sciences — *Burnaby, BC*
- Delivered **25+** STEM workshops to **500+** K–8 students.
- Taught **HTML**, **CSS**, and **JavaScript** to students in Grades 6–8 through coding projects.
- Led hands-on **Arduino** projects involving circuits and robotics.

PROJECTS

JakeGen | *React.js, WASM, Typst* — Sep 2025
- Developed a resume generator that compiles user inputs into PDF resumes using **Typst WASM** rendering.
- Designed a dynamic **React** form system with enabling real-time customization and preview.
- Optimized build pipeline with **Vite** for rapid development, reducing PDF generation latency by 40%.

QuickFlix | *Python, Tkinter* — Aug 2025
- Developed a Photo Management Tool that renames JPEG files by date to simplify photo organization.
- Automated **JPEG** file renaming by extracting EXIF timestamps, reducing manual sorting time by **90%**.
- Built a **Tkinter** GUI enabling batch renaming of photo libraries up to 1,000+ files in one run.

BigWayScraper | *Python, Playwright, Selenium* — July 2025
- Created a **Python** scraper using **Selenium**, collecting waitlist data from Hot Pot restaurants.
- Created a dynamic-page scraping system with **Playwright**, capable of handling multiple asynchronous requests.
- Optimized workflow for speed, processing 10+ websites in under 5 seconds.

WiiGym | *React.js, Express.js, MediaPipe, WebRTC, Socket.io* — Jan 2024
- Built a fitness web app using **MediaPipe**, **WebRTC**, **and Socket.IO** for push-up tracking in group workouts.
- Developed full-stack architecture with **React**, **Express.js**, and **MongoDB** for stats and a live leaderboard.
- Integrated **MediaPipe** Pose Estimation to track body movement and calculate reps with visual feedback.
- Enabled peer-to-peer video calls via **WebRTC** and synchronized user data using **Socket.io.**

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, TypeScript, Rust, SQL, HTML, CSS
Frameworks & Libraries: React, Node.js, Next.js, Flask, Selenium, FastAPI, Tailwind CSS
Databases: PostgreSQL, MongoDB
Development Tools: Git, Linux, Bash, Supabase, Vercel, n8n, ChatGPT, Cursor

EDUCATION

University of Waterloo — Expected Graduation: April 2030
Bachelor of Applied Sciences in Computer Engineering — *Waterloo, ON*