Rohit Chavali

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Education

University of Waterloo Expected April 2030
Bachelor of Applied Science in Computer Engineering
Co-op availability: May–August 2027.

Experience

Marmy (YC W27) Nov 2026 – Present
Software Engineer
- Build dashboard features for Marmy's AI-powered growth platform.

Fingerprint Oct 2026 – Present
Associate Software Engineer, Contract
- Research AI agents and browser automation to support technical reviews and maintain Fingerprint's bot directory.

Phydata May–August 2026
MTS Intern
- Contributed to the data collection pipeline used to train physical AI and robotics models.

Projects

Sentinel Live prototype
TypeScript, Next.js, Node.js, SQLite
- Built a policy engine that evaluates an AI agent's requested tool, transaction amount, and environment to approve, deny, or queue each action for human review.
- Implemented organization-level access checks and stored policy decisions in SQLite so reviewers can trace each request.

VerbalFlow Hack the North 2024
Python, Flask, OpenCV, DeepFace, Llama 3
- Built a public-speaking coach with three teammates. Combined webcam analysis and speech transcripts to generate feedback on a speaker's delivery and word choice.

AeroPy HackTheWoods, 1st place
Python, MediaPipe
- Mapped webcam hand landmarks to Windows controls so users can move the cursor, click, and switch tabs with gestures.

Technical Skills

Languages Python, TypeScript, JavaScript, C++, SQL
Web and tools React, Next.js, Node.js, Flask, SQLite, Git, Docker
Data and vision NumPy, pandas, scikit-learn, OpenCV, MediaPipe, DeepFace