

# Shrey Talati

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## PROFESSIONAL SUMMARY

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Senior Full Stack Developer and AI Automation Lead with 5+ years designing data-intensive systems, managing complex client portfolios, and shipping production-grade web applications. Fluent across the full stack from Python data pipelines and relational schemas to React and Next.js frontends, with a bias toward clean architecture and measurable outcomes. 2026 MAAIP AI Innovation Showcase Finalist and University of Winnipeg Hackathon winner.

## TECHNICAL SKILLS

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- **Languages:** Python, JavaScript, TypeScript, SQL, Java, C#, PHP, Swift
- **Data & Backend:** Data modeling, ETL pipelines, PostgreSQL, Firebase, REST APIs, Spring Boot, Node.js, AWS
- **Frontend:** React, Next.js, React Native, TypeScript, Cloudflare
- **AI & Automation:** AI Agent Orchestration, NLP/ML, Scikit-Learn, N8N, Zapier, Pabbly
- **AI & Automation Models:** Gemini 3.0 (and lower), Claude Sonnet 4.6 (and lower), Ollama.
- **Operations:** CRM architecture, lead conversion systems, client-facing technical consulting

## ENGINEERING & DEVELOPMENT

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**Webever Technologies** Winnipeg, MB  
*Senior Full Stack Developer* May 2024 – Present

- **Data Architecture and CRM:** Designed and built a custom CRM from the ground up, modeling the full lead lifecycle including intake, qualification, assignment, and follow-up, automating 90% of previously manual tasks and driving a 70% increase in lead conversion rates.
- **Client Infrastructure Management:** Oversee digital infrastructure for 25+ clients including database health, API integrations, and deployment pipelines, maintaining sub-second load performance and high availability across all properties.
- **Python and AI-Driven Development:** Leverage Python scripting and AI agent orchestration to automate repetitive development workflows, dramatically compressing delivery timelines including shipping a complete production portfolio in a single overnight sprint.
- **Full Stack Delivery:** Architect and ship end-to-end web applications using React and Next.js on the frontend with Node.js and Spring Boot on the backend, deployed on AWS and Cloudflare.

**Ultrasonics Laboratory, University of Manitoba** Winnipeg, MB  
*Undergraduate Research Assistant* 2021

- Applied Python for scientific data processing, statistical modeling, and visualization of wave propagation experiments, writing clean reproducible analysis pipelines for lab-grade datasets.

**kLab / FabLab Rwanda (Zipline Ecosystem)** Kigali, Rwanda  
*Technical Instructor & Developer* 2017 – 2018

- Contributed technical work during the founding phase of Zipline's drone delivery ecosystem, one of the first last-mile medical delivery networks in Africa.
- Designed an IoT Campus Security System and led foundational coding instruction in Java and Python, building technical capacity within the local developer community.

## KEY PROJECTS

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**Safe Path WPG** | *React Native, Google Maps API, Node.js, Python*

- Community safety app for Winnipeg that surfaces real-time crime data and generates AI-optimized routing to help users navigate safer paths across the city.
- **Finalist, MAAIP AI Innovation Showcase (2026):** Recognized for applied AI in social impact, selected as one of a small cohort demonstrating production-ready AI integration.
- **Winner, Best AI Integrated Project:** University of Winnipeg Hackathon 2026, judged on technical execution, novelty, and real-world utility.

## SPEAKING & ENGAGEMENTS

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**ComIT**

*Guest Lecturer, AI and Machine Learning*

Winnipeg, MB

Upcoming 2026

- Invited to lead a session for industry professionals on practical AI agent orchestration and machine learning implementation, bridging theoretical ML concepts with real production workflows.

## CLIENT-FACING & LEADERSHIP EXPERIENCE

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**Starbucks (Store Manager), Thermea by Nordik Spa-Nature, Peoples Jewellers, The Rec Room**

- **Team Leadership:** Managed daily store operations as a Starbucks Manager responsible for scheduling, inventory, brand compliance, and developing junior staff in a high-volume environment.
- **Premium Guest Experience:** Handled complex reservation systems and elevated service delivery in a luxury spa context at Thermea where precision and discretion are non-negotiable.
- **Consultative Selling:** Consistently exceeded monthly targets at Peoples Jewellers through deep product knowledge and trust-based client relationships, skills that directly translate to technical account management.

## EDUCATION

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**University of Manitoba**

*Bachelor of Science, Computer Science, Physics, and Astronomy*

Winnipeg, MB

2021 – Present

- Relevant Coursework: Data Structures and Algorithms, Machine Learning, Medical Physics, Numerical Methods