

Shadman Tajwar

Toronto, Ontario • shadman.tajwar123@gmail.com • linkedin.com/in/shadman-tajwar • github.com/ShadmanT

TECHNICAL SKILLS

Languages: JavaScript (TypeScript), Python, Java, C, C++

Full-Stack: React, Next.js, Node.js, Express, Tailwind CSS, REST APIs

Data & Storage: PostgreSQL, MongoDB, Supabase, multi-tenant schemas

AI & Dev Tools: Claude, GitHub Copilot, OpenAI API, prompt engineering

Systems & Tools: Linux, Docker, GitHub Actions, Jenkins, Git, CI/CD

Testing: Selenium, Cucumber, Mockito, Unit & Integration Testing

WORK EXPERIENCE

Founding Software Engineer — Corva

Nov 2025 – Present

Next.js • React • TypeScript • Node.js • Supabase • PostgreSQL • Stripe • Claude • GitHub Copilot

- Sole engineer on a live B2B SaaS product with paying customers, leveraging **Claude** and **GitHub Copilot** daily to ship across the **full stack** at pace, making every architectural and product decision independently.
- Re-architected the **core data pipeline** on a live product, diagnosing and eliminating cross-month overflow bugs to restore **100% data accuracy** with no downtime or data loss.
- Launched **Stripe subscription billing** with **role-based access control** and automated lifecycle management, enabling the business to independently onboard and monetize customers end-to-end.
- Built merchant analytics dashboards tracking **retention**, **funnel conversion**, and **average ticket** across 35,000+ appointment events and 10,000+ client profiles, the core product insight layer for every tenant.

QA Automation Engineer — Score Media and Gaming (theScore)

Sep 2023 – Apr 2024

Kotlin • Cucumber • JavaScript • Jenkins • JIRA

- Owned **automated test coverage** for the Backoffice admin platform at a high-traffic sports betting company, shipping **CI-integrated test infrastructure** that validated complex permission systems across user tiers.
- Built reusable, environment-aware **test frameworks** running consistently across staging and production, reducing manual regression overhead and increasing release confidence.

QA Analyst — SS&C Technologies

Jan 2022 – Aug 2022

Java • Selenium • Cucumber • JIRA

- Automated testing across 100+ application screens using **Java** and Selenium; documented 200+ test cases enabling scalable, repeatable QA for a global financial software platform.

EDUCATION

University of Toronto

Sep 2020 – May 2026

Honours Bachelor of Science — Computer Science, Software Engineering Specialization

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Systems, Engineering Large Software Systems

PROJECTS

Alibi — AI-Powered Murder Mystery Game | *React • TypeScript • Node.js • OpenAI API • Tailwind CSS*

- Shipped a browser-based interactive fiction game leveraging the **OpenAI API** with custom **prompt engineering** for real-time, context-aware character dialogue and dynamic narrative branching driven by player choices.
- Engineered a **stateful game engine** managing suspect states, player inventory, and **multi-turn conversation history** to maintain coherent **AI agent interactions** across full game sessions.

Calypso — Artist Marketplace Platform | *Node.js • Express • MongoDB • React • Stripe API • Google Analytics*

- Conceived and shipped a **full-stack** digital marketplace for artists, building **MongoDB schema design**, **REST API layer**, concurrent bid protection with optimistic locking, Stripe checkout, and an admin analytics dashboard end-to-end.

Voyage — Travel Companion Web App | *React • Next.js • TypeScript • Node.js • Google Maps API • Places API*

- Built and shipped a **full-stack** travel planning app integrating **Google Maps and Places APIs** with real-time POI discovery, interactive route visualization, and a drag-and-drop itinerary planner.