

Dev Kakadia

Software Engineer

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EDUCATION

Bachelor of Computer Science (Honours) — University of Windsor

May 2022 – Dec 2025

Windsor, ON | Relevant coursework: Data Structures & Algorithms, Operating Systems, Software Development, Compiler Design, Machine Learning, Computer Networks

CERTIFICATIONS

AWS Certified Cloud Practitioner — Amazon Web Services

EXPERIENCE

Data Entry Clerk — Central Transport

Aug 2022 – Apr 2024

Windsor, ON, Canada

- Processed 55+ shipping bills per hour with a sub-1.5% error rate in a high-volume logistics environment.
- Traced data discrepancies to source documents and resolved them with stakeholders, improving invoicing accuracy for backend records.

Junior Full Stack Developer — JTC

Dec 2019 – Dec 2021

Surat, Gujarat, India

- Built and maintained reusable React components, reducing redundant UI code across 3+ features.
- Designed and consumed REST APIs with Node.js, bridging frontend/backend data flow.
- Resolved production bugs by tracing failures across client-server layers, cutting repeat incidents.
- Enforced Git branching and review standards across team PRs, improving code consistency.

Tech: React, Node.js, Python, JavaScript, Git

PROJECTS

RideFlow — Ride-Hailing Platform [🔗](#)

- Engineered a full-stack ride-hailing platform, applying system-design principles to architect driver-matching logic, real-time state management, and route optimization.
- Built a role-based access system supporting 3 distinct user types (rider, driver, admin) with driver matching, admin panels, and data visualizations.
- Designed a MongoDB schema across 4 collections with indexing strategies, supporting sub-150ms query response times under concurrent load.

Tech: React, TypeScript, Node.js, MongoDB, Google Maps, Docker

AI Trip Planner [🔗](#) [📄](#)

- Developed a travel-planning app that converts user preferences into structured itineraries using the Google Gemini AI API with custom prompt engineering.
- Implemented input validation and fallback error handling to ensure reliable structured output across varied user inputs.
- Implemented JWT-secured authentication via Firebase Auth and Google Places API, applying RESTful design and token-based access control across protected endpoints.

Tech: React, Node.js, Firebase, Google Gemini API, Vite

TryOn App — AI Virtual Try-On Marketplace [🔗](#)

- Engineered a cross-platform React Native marketplace app with an AI-powered virtual try-on feature using a computer vision API.
- Implemented a full in-app Stripe payment flow, handling payment intents and error recovery across buyer and seller flows.
- Built the Node.js backend with Supabase Postgres and Row Level Security, securing all endpoints behind authenticated sessions.

Tech: React Native, Expo, Supabase, Stripe, Node.js

SKILLS

Languages: JavaScript, TypeScript, Python, Java, C/C++, SQL

Web & Mobile: React, Next.js, React Native, Node.js, Express, REST APIs

Databases: MongoDB, Firebase, Supabase

Cloud & DevOps: AWS, Docker, Git, CI/CD

Other: Tailwind CSS, Vite, Linux/Unix, Agile/Scrum