

Daniel Israel

Software Developer

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Professional Summary

Full-stack engineer with expertise in Python, React, Redux, and AI/ML integration. Proven experience building AI-powered applications with scalable cloud architectures, data pipelines, and LLM-driven features. Passionate about leveraging machine learning to transform user experiences and automate complex workflows in production environments.

Professional Experience

Senior Full Stack Developer

Nov 2025 – Present

InsightLabs

- Integrated AI/ML capabilities with Zendesk API for automated ticket analysis, OAuth authentication, and webhook-driven data processing
- Built AI-powered pipeline automation framework using LLMs for qualitative data analysis, with scheduled processing and data pipelines
- Implemented multi-format file upload system with drag-and-drop UI, real-time progress tracking, and document parsing
- Optimized cloud infrastructure using Firebase/Cloud Functions, resolved storage leaks, and improved system reliability
- Enhanced dashboard with standardized UI components, modal navigation, and comprehensive design system

Mobile Developer

Jan 2025 – Oct 2025

Secrets AI

- Built AI companion app from scratch with React Native, Expo for pixel-perfect UX
- Integrated in-app purchases and backend systems for monetization
- Utilized Expo deployment tools for efficient version management

Mobile Front End Developer

Jul 2023 – Dec 2024

Goose Insurance Services

- Fixed push notifications and contributed to open-source package
- Rebuilt website with Astro JS, reducing load times from 8s to milliseconds, cutting costs 90%
- Rewrote React Native components following senior patterns for maintainable code
- Designed Redux-controlled UI components and flexible backend solutions

Full Stack Developer

May 2020 – Sep 2023

PhoneMe Project UBC

- Migrated to Firebase serverless architecture, reducing costs by 97%
- Built offline-capable poem creation with media upload and 3D search
- Developed responsive UI with Next.js and Tailwind for cross-device compatibility

Education

Bachelor of Computer Science

2018 – 2022

University of British Columbia

Algorithms, ML, computer vision. Java, C/C++, Python, Haskell, TypeScript. 3rd place hackathon 2019.

Bachelor of Applied Human Sciences

2009 – 2014

Concordia University – Montreal, QC

Dean's List. Research Assistant, Teaching Assistant. Presented at SSHRC conference.

Technical Skills

Languages

TypeScript, JavaScript, Python, Java, C/C++

Backend & Tools

Firebase, GCP, Flask, Node.js, Git, ML

Mobile & Frontend

React Native, Expo, Next.js, Tailwind, Redux, AstroJS

Platforms

EAS, Convex, Push Notifications, In-App Purchases, AppStore, PlayStore

Projects

WePickle: Mobile/web app for pickleball community with court check-ins, scheduling, skills tracking

FalconTopo: 3D climbing cliff visualization to replace traditional guidebooks

ChatPlanAI: LLM-integrated chat application for document generation and editing

Goose Insurance: High-performance insurance website rebuilt with Astro JS, reducing load times by 99%

Perrilo: Professional portfolio website for concert pianist showcasing performances and media

SOS Alert System: Reverse-engineered expensive medical alert device network protocol using Python, created free alternative with Twilio SMS notifications