

Mike Dohyun Lim

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SUMMARY

Full-Stack Developer with hands-on experience building AI-integrated web and mobile applications. Skilled in modern frontend frameworks (React, Next.js) and database management (PostgreSQL, Supabase). Proven ability to translate complex API integrations into scalable, user-centric software solutions.

WORK EXPERIENCE

Spark Labs Marketing

Sep 2019 – Apr 2020

Digital Marketing Specialist

Vancouver, BC

- Managed \$10k+ multi-platform PPC campaigns, optimizing bidding to increase conversion rates by 18%.
- Analyzed website traffic, PPC campaign performance via Google Analytics, reducing acquisition costs by 15%.

EDUCATION

Seneca Polytechnic

Jan 2023 – Present

Computer Programming & Analysis

North York, ON

PROJECTS

[HireON – AI-Powered Job Tracking Platform](#) | [GitHub](#)

- Built a full-stack job tracking platform that aggregates postings from 4 job data sources into a 6-stage application pipeline with Gemini AI scoring listings 0–100 for relevance to cut manual triage time
- Engineered AI auto-fill that extracts 12+ structured fields from any job URL through 5 platform-specific adapters, reducing manual entry for most corporate career sites
- Implemented 8 auth-protected API routes with PostgreSQL Row Level Security across 5 idempotent SQL migrations with Supabase Auth, mobile-responsive UI, and a Recharts-powered analytics dashboard

Tech: Next.js, TypeScript, Tailwind CSS, Supabase Auth/RLS, PostgreSQL, Gemini API, Cheerio, Axios, Vercel

[iEventer – AI-Powered Event & Activity Discovery App](#) | [GitHub](#)

- Built a full-stack app on Cloudflare Workers that combines Google Gemini activity suggestions with live Eventbrite events and an AI route planner for multi-event itineraries
- Designed an 11-table PostgreSQL schema (Drizzle ORM) backing Auth.js v5 with Google OAuth and JWT sessions, 45 user-interest tags across 12 categories, persistent plans with optimistic updates
- Wrote 34 Vitest unit/component tests and Playwright E2E specs and set up GitHub Actions CI to lint, type-check, test, and auto-deploy to Cloudflare on every push to main

Tech: Next.js, TypeScript, Tailwind CSS, Drizzle ORM, PostgreSQL, Auth.js, Gemini API, Eventbrite API, Nominatim

[Mooder – AI-Based Mood Tracking Mobile App](#) | [GitHub](#)

- Built a Flutter mood-tracking app that converts structured check-ins, including primary mood, 4 quantitative 0–10 signals, and user-selected drivers, into personalized AI-generated recommendations
- Implemented AI suggestions workflows using Gemini API, Cloudflare Workers AI fallback, Firebase Auth, Firestore history, 7/30-day summaries, 0–10 mood trend charts, and a Node.js/Express backend on Render

Tech: Flutter, Dart, Firebase Authentication, Firestore, Gemini API, Cloudflare Workers AI, Node.js, Express.js,

SKILLS

Languages: JavaScript, TypeScript, Python, Java, HTML, CSS, C#, SQL, C/C++, Bash

Frameworks & Libraries: React, Next.js, Node.js, Express.js, Tailwind CSS, Flutter, ASP.NET, Django

Databases & Cloud Tools: PostgreSQL, MySQL, MongoDB, Supabase, Firebase, AWS, Vercel, Git, GitHub

AI & Data: Gemini API, REST APIs, data normalization, prompt-based recommendation workflows