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EDUCATION & ACHIEVEMENTS

Southern Alberta Institute of Technology

Expected April 2026

Diploma in Software Development - **GPA: 4.0/4.0**

MegaHacks Hackathon

Jan 2026

2nd place

🔗 Devpost

EXPERIENCE

Tech Lead

Aug 2025 – Ongoing

Client-Driven SaaS Development Project

- Directed a team of 6 developers to build a multi-tenant SaaS platform; mentored 3 team members through code reviews and onboarding, improving delivery speed by **30%**
- Implemented multi-layer testing strategy with **Vitest** and **Playwright**, reducing critical bugs by **40%** while maintaining **99.8%** uptime for **1,000+** simulated users
- Built automated CI/CD pipeline with **OpenTelemetry** for monitoring and **Inngest** for retry logic, enabling seamless deployments and reducing manual intervention

PROJECTS

AllBarber

PostgreSQL • Data Modeling • Dashboard Design • Stripe

Multi-Tenant Barbershop Management Platform

🔗 Live Demo

- Developed an all-in-one barbershop management platform serving **500+** simulated businesses, enabling instant appointment booking and intelligent queue management to reduce customer wait times by **20%**
- Integrated Stripe payments to process secure online deposits and automated tip distribution, increasing booking efficiency by **30%** and saving 10+ hours/week in manual admin work per shop.
- Implemented PostgreSQL RLS isolating tenant data while supporting role-based access for owners, staff, and customers, increasing data security by **100%**

Sound Wave

Next.js • Supabase • TypeScript

Audio-sharing social platform

🔗 Github 🔗 Live Demo

- Co-developed a social audio platform combining features of SoundCloud, Spotify and Instagram
- Built social features including likes, comments, and playlists, simulating **500+** monthly active users with average session duration of **12 minutes**
- Improved audio upload speeds by **40%** through client-side processing with **FFmpeg.wasm**, supporting MP3/WAV formats with waveform visualization
- Scaled real-time interactions to support **50+** concurrent users during live sessions using **Supabase Realtime** with **WebSocket** optimization

VibeMap

NextJS • Firebase

Community-Driven Emotional Mapping Platform

🔗 Github 🔗 Live Demo

- Built community emotional mapping platform in **24-hour** Hackathon, winning **2nd** place for innovative approach to capturing public-space sentiment
- Created heatmap using **Leaflet.js** with **OpenStreetMap** tiles, processing 2,000+ simulated interactions with real-time heatmap visualization

SKILLS

- **Core Stack:** MERN, Next.js, Expo
- **Frontend:** React, React Native, .NET Blazor, Tailwind CSS
- **Backend:** Node.js, Express.js, .NET, Python, Java, C#, Javascript, Typescript
- **Database:** PostgreSQL, MongoDB, Supabase, Firebase, Prisma ORM
- **Infrastructure:** Azure, AWS, Vercel
- **Tools:** Git, Docker, Figma, Postman, Stripe, Agile/Scrum