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EXPERIENCE

Capstone Project

Aug 2025 – Ongoing

Tech Lead

- Led a team of **6 developers** in building a production-ready SaaS platform using Agile methodologies.
- Mentored 3 teammates through code reviews, pair programming, and technical guidance.
- Coordinated with stakeholders to gather requirements and translate business needs into technical specifications.
- Managed project timeline and feature prioritization across **8-month** development cycles.
- Oversaw deployment pipeline and ensured production stability for **1000+** simulated users.

Codeblazers Club

Feb 2025 – Ongoing

Club Member – Backend Developer

- Developed and maintained secure RESTful APIs using MERN stack, applying system design principles.
- Collaborated in an Agile team of **4+** backend developers using ClickUp for tasks division.
- Participated in system design discussions and architectural planning sessions.
- Attended workshops on microservices and containerization, enhancing understanding of industry best practices.

PROJECTS

AllBarber

Next.js • Supabase • PostgreSQL • Stripe

Multi-Tenant Barbershop Management SaaS

- Developed a full-stack SaaS platform for barbershop owners to manage bookings, walk-in queues, POS, and staff scheduling.
- Implemented multi-tenancy with Row-Level Security (RLS) isolating **500+** barbershops while supporting role-based access control (Owner, Manager, Barber, Front Desk).
- Built queue management with SMS notifications reducing customer wait times by **25%** and integrated Stripe payments with tip distribution logic.
- Engineered real-time dashboards showing revenue, utilization, and tip analytics, helping owners make data-driven operational decisions.

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.
- Engineered audio upload/processing system with client-side FFmpeg.wasm and Supabase Storage, supporting MP3/WAV formats with waveform visualization via Wavesurfer.js.
- Implemented real-time chat and notifications using Supabase Realtime, enabling direct messaging and live interactions around audio content.
- Built user engagement features including likes, comments, playlists, and following system with advanced search algorithms for content discovery.

Happy Study

Expo • React Native • PostgreSQL • Gemini API

Mobile Quiz Application

🔗 Github

- Built a cross-platform mobile app using Expo and React Native that generates personalized quizzes from any study topic via Gemini API.
- Designed interactive quiz interface with progress tracking, scoring system, performance analytics dashboard and stored quiz data using PostgreSQL with Row-Level Security.
- Optimized API calls to Gemini AI with caching strategies to reduce latency by **40%** and manage rate limits.

EDUCATION

Southern Alberta Institute of Technology

Sep 2024 - April 2026

Diploma in Software Development - GPA: 4.0/4.0

SKILLS

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