HARJAP SINGH

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PROFESSIONAL SUMMARY

Early-career Full-Stack Engineer with a strong bias for action and a passion for building scalable, real-time web and mobile applications. Proven ability to design, develop, and deploy robust solutions using TypeScript, Next.js, and modern cloud platforms. Adept at tackling ambiguous problems, quickly learning new technologies, and driving projects autonomously. Experienced in contributing to AI-powered features and optimizing system architecture for high performance and reliability. Eager to leverage strong software engineering skills in a fast-paced, collaborative environment.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C#
Frontend: React, Next.js, Tailwind CSS, Shadcn UI, HTML, CSS
Backend: Node.js, Supabase, Firebase, REST APIs, Drizzle ORM, PostgreSQL, MongoDB
Mobile: React Native, Expo
Tools: Azure, Vercel, Git, GitHub, Socket.io, Redis, AI Tools, Trello
Practices: Agile, SDLC, Code Reviews, CI/CD

SOFT SKILLS

- Proactive & Results-Oriented
- Autonomy & Self-Direction
- Adaptability & Problem-Solving
- Collaboration & Communication
- Continuous Learning

EDUCATION

Software Development
Southern Alberta Institute of Technology (SAIT) – GPA: 3.98 / 4.0
Full-stack development, mobile applications, and UI/UX design

WORK EXPERIENCE

Volunteer Software Developer – Destination History, Calgary
Jan 2025 – Present
- Architected and developed a mobile application promoting educational tourism.
- Contributed to UI component development and streamlined content flow using React Native.
- Implemented AI features for smart tour planning, reducing planning time and personalizing tours.
- Deployed app modules to Azure, ensuring a scalable and resilient infrastructure.

Freelance Web Developer – Hawk Eye Car Detailing, Calgary
May 2025 – Present
- Built a responsive service website using Next.js and Tailwind CSS.
- Developed reusable components and a CMS, improving development efficiency by 20%.

Software Developer Intern – CodSoft
May 2024 – July 2024
- Contributed to frontend architecture and key page development using React and Next.js.
- Participated in sprint planning and code reviews following Agile methodologies.

Supervisor – Wine and Beyond, Airdrie

Jan 2024 – Present
- Led daily operations and supported customer satisfaction in a fast-paced retail setting.
- Designed promotional visuals and improved team coordination.

PROJECTS

Note-Taking App – [GitHub](#) [Website](#)

Tech Stack: *Next.js, Supabase, Drizzle, Tailwind, Socket.io, TypeScript, PostgreSQL, Vercel*
- Engineered a cloud-synced productivity tool supporting workspace, folder, and note hierarchy with real-time synchronization capabilities using Socket.io and PostgreSQL (via Drizzle ORM).
- Led backend logic development and co-developed the frontend UI/UX using Next.js and TypeScript, deployed on Vercel.

Music Mobile App (BeatFlow) – [GitHub](#) [Figma](#)

Tech Stack: *React Native, TypeScript, Expo, Firebase, MongoDB, Deezer API, Expo AV, Tailwind CSS*
- Developed a cross-platform music app using React Native, TypeScript, and Expo with real-time playback, search, and dynamic content browsing.
- Integrated Firebase Authentication, MongoDB, and Deezer API for streaming, user management, playlists, and cross-device sync.
- Built advanced audio controls with background playback, track navigation, and progress tracking using Expo AV and React Context API.

Sustainable (Design Project) – [Figma](#)

Tech Stack: *Figma*
- Created a clean, modern UI for a food-saving app inspired by Too Good To Go.
- Created high-fidelity screens and user flows to demonstrate functionality.

Car Rental Web App – [Website](#)

Tech Stack: *React.js, SCSS, JavaScript ES6+, HTML5, CSS3, Shadcn UI, Vercel, Git*
- Developed a modern, responsive web application for car rentals, focusing on intuitive UI/UX using React.js and Shadcn UI.
- Implemented dynamic car listings, search functionalities, and a streamlined booking interface, deployed on Vercel.