

HARJAP SINGH

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PROFESSIONAL SUMMARY

Software Developer with a strong foundation in computer programming, data structures, and algorithms. Proficient in Python, JavaScript, and SQL, with hands-on experience developing and deploying full-stack software solutions. Skilled in engineering RESTful APIs for complex data flows and working with both SQL (PostgreSQL) and NoSQL (MongoDB) databases. A collaborative problem-solver with a proven ability to troubleshoot complex issues and deliver robust, scalable applications within Agile frameworks.

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, TypeScript, HTML5, CSS3, C#

Frontend: React, Next.js, Tailwind CSS, HTML5

Backend: Node.js, RESTful APIs, PostgreSQL, MongoDB

Mobile: React Native, Expo

Tools: Git, GitHub, Jest, Cypress, Vercel, Figma, Prettier

Practices: API Development, Agile/Scrum Methodologies, Full-Stack Development, Application Security, CI/CD, Component-Driven Design

SOFT SKILLS

- Troubleshooting & Problem-Solving
- Collaboration & Teamwork
- Effective Communication
- Adaptability
- Client Management & Customer Service
- Time Management

EDUCATION

Software Development

Southern Alberta Institute of Technology (SAIT) – GPA: 3.99 / 4.0

Full-stack development, mobile applications, and UI/UX design

WORK EXPERIENCE

Volunteer Software Developer – Destination History, Calgary

Jan 2025 – August 2025

- Developed and maintained modular software components using TypeScript and React within an Agile team, focusing on code quality and reusability.
- Authored and executed unit and integration tests with Jest and Cypress, enhancing application stability and reducing bugs by 25%.
- Participated in rigorous code reviews and managed CI/CD pipelines to ensure adherence to security and software development best practices.

Freelance Web Developer – Hawk Eye Car Detailing, Calgary

May 2025 – August 2025

- Led the end-to-end design and development of a full-stack software solution, translating client requirements into a functional application.

- Engineered RESTful APIs with Node.js to manage data flows between the front-end application and a custom back-end server.
- Designed a scalable and secure application architecture, ensuring robust performance and a seamless user experience from development to deployment.

Software Developer Intern – CodSoft

May 2024 – July 2024

- Developed interactive application features using JavaScript and React, applying object-oriented programming principles to create clean and maintainable code.
- Collaborated with team members to troubleshoot and resolve technical issues across the software stack, improving application functionality.
- Gained practical experience in a fast-paced development environment, contributing to the full software development lifecycle.

Part-Time Sales Associate – Wine and Beyond, Airdrie

Jan 2024 – Present

- Provided excellent customer service by effectively communicating with clients to understand their needs and resolve inquiries in a professional manner.
- Demonstrated strong problem-solving and collaboration skills while working with team members to achieve organizational targets and maintain a positive store environment.

PROJECTS

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

Tech Stack: *Next.js, TypeScript, Node.js, PostgreSQL, Drizzle ORM, Supabase*

- Engineered a full-stack application featuring a high-performance front-end and a Node.js-based API layer for efficient data handling.
- Designed and implemented a relational database using PostgreSQL, creating secure RESTful APIs to manage data persistence and state.

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

Tech Stack: *React Native, TypeScript, Expo, Firebase, MongoDB, Deezer API*

- Developed a cross-platform mobile application, showcasing proficiency across the JavaScript ecosystem (React Native, TypeScript).
- Integrated third-party RESTful APIs to stream dynamic content and utilized a NoSQL database (MongoDB) to manage user and application data.

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

Tech Stack: *Figma*

- Designed a high-fidelity, responsive prototype in Figma, applying core UI design patterns to create an intuitive and accessible user interface.

Car Rental Web App – [Website](#)

Tech Stack: *React.js, JavaScript, Tailwind CSS, HTML5, Vercel*

- Built a responsive, component-driven single-page application with React.js, implementing complex client-side logic for an interactive user experience.