

MEHTAB SINGH

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EXPERIENCE

Junior Full-Stack Developer

September 2023

Coreo Inc.

Calgary, AB

- Spearheaded the end-to-end design and development of a flagship web application for a carpooling startup, beginning with wire-frames & high-fidelity prototypes in Figma and implementing modern UI/UX principles.
- Developed dynamic, state-driven user interfaces using Next.js, TypeScript, Tailwind CSS & Framer Motion, achieving an 85% improvement in page load times through efficient algorithms and API integration.
- Deployed the fully functional application on Vercel globally, while integrating Firebase as a powerful backend for real-time data synchronization, ultimately enhancing user experience and supporting high engagement levels.
- Implemented security measures, including Firebase Authentication, HTTPS encryption on Vercel, and Cross-Site Scripting (XSS) mitigation in Next.js components, following OWASP guidelines to enhance user protection.
- Built and optimized CI/CD pipelines in GitLab to automate testing, building, and deployment, reducing deployment times by 55%, streamlining workflows, and significantly enhancing overall development efficiency.
- Worked closely with the team to manage version control and integration, optimizing project timelines and boosting productivity, which contributed to establishing partnerships with 11 corporate companies in Calgary.

Team Member

May 2022

Tim Hortons

Calgary, AB

- Provided exceptional customer service in a fast-paced environment, demonstrating strong interpersonal skills and a positive attitude while meeting customer needs and resolving issues to ensure a positive experience.
- Demonstrated strong organizational skills during peak hours to ensure that operations run smoothly.
- Effectively managed conflicts and resolved customer complaints with empathy and professionalism.

EDUCATION

Southern Alberta Institute of Technology (SAIT)

Awarded

Diploma in Information Technology - Software Development

GPA - 3.3/4

PROJECTS

Carpool Proximity Tool | *Django, Python, HTML, CSS, SQLAlchemy, Azure*

2024

- Developed a Carpool Proximity Tool using Django to match users based on proximity and shared travel routes.
- Designed a robust database on Azure and integrated it with Google Maps API, deployed with PostgreSQL for improved scalability, handling over 10,000 user records with optimized data storage and retrieval.

Photography Website | *Next.js, Framer Motion, Tailwind CSS, Typescript*

2023

- Designed a visually captivating portfolio website for a client using Next.js, Framer Motion & TypeScript
- Achieved significant user engagement, surpassing 3,000 clicks within the first month by implementing efficient SEO strategies.

Traveless | *Blazor, .NET-MAUI, Bootstrap*

2022

- Developed a Blazor .NET MAUI application with C#, HTML, Bootstrap and CSS to streamline flight management and reservations, providing a seamless experience on both desktop and mobile devices.

SKILLS

- **Languages & Databases** : C#, Java, Python, TypeScript, Javascript, MySQL, SQL Server, Firebase
- **Technologies** : Oracle, Angular, Informatica, Github, Jira, PowerBi, MS Office, Docker, Visual Studio
- **Frameworks & Libraries** : .NET, Blazor, Django, React.Js, Next.Js, ASP.NET Core