CARLOS VELASCO

Querétaro, Mexico

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Profile Summary

- **Full-Stack Developer** with expertise in building **scalable, high-performance web applications** using **React.js** and **Next.js** to optimize **performance and user experience**.
- Experienced in developing and optimizing **AI models**, including object detection and classification, ensuring high performance and accuracy.
- Proficient in **JavaScript, TypeScript**, and **Python**, and working in **Agile environments** to deliver high-quality projects on time.
- Effective collaborator with a track record of **leading Agile teams**, delivering high-quality solutions on tight deadlines, and communicating complex technical concepts to clients and stakeholders.

Technical Skills

- Next.Js
- React.Js
- Typescript
- Javascript
- Python
- Node.JS
- Tailwind CSS
- SQL
- HTML
- Pytorch
- Tensorflow
- Figma

Experience

Kellanova   **April 2024 – December 2024**
Data Analyst Intern   *Queretaro, Mexico*

- Built a Power BI dashboard to visualize metadata from data sets and data sources, improving **data accessibility** for over 100 users and **reducing data retrieval time by 95%.**
- Engineered a Python solution that automated data processing for the RGM team, **reducing operational time by over 85%.**
- Standardized data governance policies, **improving compliance** and **reducing data retrieval errors by 10%.**

Projects

ShareBook | *Next.js, TypeScript, ShadCN, Tailwind CSS, Appwrite, Python, PyTorch*   **January 2025 - Currently**

- Launched an **AI-powered book-sharing platform** that provides personalized book recommendations using a **custom ML model**.
- Designed and implemented user interfaces for managing book collections, friend interactions, and status updates.
- Led the integration of the **Google Books API** to streamline search functionalities, resulting in a **reduction in user search times by 50%** and a significant boost in **overall app efficiency**.

StoreIt | *Next.js, TypeScript, ShadCN, Tailwind CSS, Appwrite*   **November 2024 - December 2024**

- Implemented a storage management system to store different types of files, **enhancing user organization** and **accessibility**.
- Developed functionalities to preview, edit, and share files with friends.
- Architected and optimized a dashboard to track storage usage and recent uploads.

CarePulse | *Next.js, TypeScript, Appwrite, Tailwind CSS*   **October 2024 - November 2024**

- Deployed a user-friendly **web application** to streamline medical appointment scheduling, resulting in a **20% reduction** in patient no-shows in private hospitals and **more than 85%** in public hospitals.
- Implemented an admin dashboard to accept, edit, and cancel appointments, streamlining administrative workflows.
- Built reusable forms to optimize the code's infrastructure.

Education

Tecnológico de Monterrey   **Expected Graduation – June 2025**
B.S. in Computer Science and Technology   *GPA: 96/100*