Carlos Eduardo Velasco Elenes

Software Engineer / Computer Science Student

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EDUCATION

Tecnológico de Monterrey – B.S in Computer Science and Technology

Expected Graduation – June 2025
GPA: 96/100

EXPERIENCE

Kellanova – Data Governance & Data Analyst Intern
SQL, Power BI, Python, Excel

April 2024 – December 2024

- Implemented a **Power BI dashboard** to **visualize metadata** from data sets and data sources.
- Developed a Python solution to **reduce the time** of the **RGM team's processes.**
- Created **politics and processes** to define the company's **way of working.**

Cattle Segmentation – Machine Learning Developer
Pytorch, Tensorflow, Python

August 2024 – November 2024

- Constructed an **AI-powered solution** that monitors cow behavior in resting areas.
- Trained an **AI model** that **automatically identifies cows** in various rural zones.
- Trained an **AI model** that **classifies** each cow as **standing or lying down.**

Green Circle – ICM – Full-Stack and Mobile Developer
Next.Js, Typescript, Android Studio, Kotlin, Sequelize

August 2023 - October 2023

- Developed **web** and **mobile UI** with functional connectivity with **databases** and **APIs**.
- Experience as a **Product Owner** by defining User Stories and communicating with the client.
- Worked with **SCRUM Agile** methodology with a team of 28 developers.

PROJECTS

StoreIt– Full-Stack Developer
Next.Js, TypeScript, ShadCN, Tailwind CSS, Appwrite

November 2024 – December 2024

- Implemented a **storage management system** to store different types of files.
- Developed functionalities to **preview, edit** and **share files** with friends.
- Designed and developed a dashboard to **track storage usage** and **recent uploads.**

Carepulse– Full-Stack Developer
Next.Js, TypeScript, Appwrite, Tailwind CSS

October 2024 – November 2024

- Created a web application to **schedule** and **manage medical appointments.**
- Implemented an **admin dashboard** to accept, edit and cancel appointments.
- Developed **reusable forms** to optimize the code's infrastructure.

Horizon– Full Stack Developer
Next.Js, TypeScript, Plaid, Appwrite, Dwolla, Tailwind CSS

September 2024 – October 2024

- Created functionalities to make **seamless transfers** from one bank account to another.
- Implemented connection with multiple **worldwide bank accounts.**
- Developed and designed **transaction history** across many accounts.

SKILLS

- **Languages**: Javascript, Typescript, HTML, CSS, Python, C++, C#, Java, Kotlin, SQL, MATLAB, PHP, SCSS. XML.
- **Technologies:** Next.Js, React.Js, Node.Js, Tailwind, Unity, Android Studio, Express.Js, Bootstrap, DigitalOcean, Ubuntu, Git, Arduino, Figma, Prisma, Sanity, Vercel, Payload CMS, Sequelize, ESLint, Prettier, Odoo, Power BI.

EXTRACURRICULARS AND AWARDS

- Cofounder of Software Department Black Dot (2024).
- Cofounder of Software Start Up Bearfoot Studios (2023).