

Eugenio Pedraza

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EDUCATION

Tecnológico de Monterrey

B.S. in Computer Science and Technology

Monterrey, MX

Aug. 2021 – Dec. 2025

PROJECTS

VisionDoc App

Feb. – Jun. 2024

SwiftUI

- Developed a VisionOS app tailored for medical students.
- The app allowed students to visualize and interact with 3D models of human anatomy.
- Incorporated mixed and virtual reality features.

Cloud Native Website and Telegram Bot

Jun. 2024 – Dec. 2024

Java, Maven, Kubernetes, Docker, React, SQL, Spring Boot

- Developed a cloud-based application using Oracle Cloud Services, integrating a Telegram bot and React-based frontend.
- Enabled users to work with agile methodology, adding, viewing, and editing sprint tasks.
- Implemented backend functionality with Java and Spring Boot.
- Configured login credentials using Spring Boot Security with Oracle Autonomous Database.
- Applied microservices architecture with Kubernetes and Docker for scalability and availability.
- Helped develop the Telegram bot to allow users to create, edit, and remove tasks.

Portfolio Website

May 2024 – Jul. 2024

Next.js, Resend

- Built a portfolio website using Next.js framework.
- Integrated Resend to allow visitors to send emails through the website.
- Managed custom domain configuration.
- Enhanced understanding of Next.js components and framework structure.

LEADERSHIP AND ACTIVITIES

SwiftTec Public Relationships Coordinator

Jun. 2024 – Dec. 2024

- Organized social and conference events.
- Handled public announcements to promote events.

VisionOS Workshop | SwiftUI

Jun. 2024

- Conducted a course on app development for Apple VisionPro.
- Enabled users to scan objects from their phone and view them in 3D in Mixed Reality.

Staff at SwiftTec Developer's Conference

Nov. 2024

- Ensured smooth operation of the developer conference.

SKILLS

Languages: Java, Python, C++, JavaScript, HTML/CSS, Swift

Frameworks: Next.js, Node.js, React, Spring Boot, .NET, SwiftUI, Unity

Developer Tools: Git, Docker, Kubernetes, Oracle Cloud Infrastructure, VS Code, Maven

Soft Skills: Negotiation, Empathy, Leadership, Conflict Resolution, Emotional Intelligence, Teamwork, Communication