

MARTN SERNA

Software Development Intern
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GitHub | **Portfolio** | **Linkedin**

EDUCATION

Universidad De Colima
Software Engineer Bachelors Degree

Manzanillo, Colima
August 2022 - June 2026

Universidad De Colima
Programmer Analyst Technical Baccalaureate

Manzanillo, Colima
August 2019 - June 2022

EXPERIENCE

Logistica Woodward | Backend Developer

Manzanillo Col. | April 2024 - Present

- Led the back-end development of IrisLW, an internal administrative dashboard for logistics partners to track merchandise and shipments.
- Built scalable RESTful APIs using NestJS, Prisma ORM, MySQL, and SQL Server (MSSQL) to manage user access, data visualization, and real-time updates.
- Developed the back-end of Teus, a mobile app designed to reward and engage employees through a company-wide incentive system.
Enabled features such as peer-to-peer point transfers, prize redemptions, and a social feed.
Ensured secure data handling and seamless interaction between users and reward services.
- Collaborated with front-end developers and business stakeholders to align technical solutions with operational goals.

SKILLS

Programming Languages: NodeJs, Python, JavaScript
Libraries/Frameworks: NestJs, FastApi, React Native
Tools / Platforms: Git
Databases: SQL, MongoDB

PROJECTS / OPEN-SOURCE

WaterFie | Link

ReactJs, NestJs , MongoDB

An app created for the University of Colima to visualize water consumption and predict costs for the Faculty of Electromechanical Engineering.

IrisLw

ReactJs, NestJs , MongoDB , Mssql

IrisLW is an internal dashboard platform for tracking shipments and logistics data in real time, developed to support partners of Logstica Woodward with cargo visibility, reporting, and operational insights.

Teus

React Native, FastApi, MongoDB

Teus is an internal mobile app designed to incentivize employee engagement at Logstica Woodward through a reward system. It allows staff to send and receive points (called "Teus"), redeem prizes, and interact via a social-style feed.

Spike | Link

React Native, NodeJs, Prisma, Postgresql

Spike is a mobile app built with React Native that helps users find nearby veterinary clinics and book appointments directly through the platform.