

Luigi Andree Arteaga Santana

•Sulphur, Louisiana, USA • luxtar9@gmail.com•

Education

Pontificia Universidad Católica del Ecuador – Manabí Campus

B.Sc. in Software Engineering

Ecuador

Status: In progress

High School Diploma Equivalency – United States

SOWELA Technical Community College

Lake Charles, Louisiana, USA

High school diploma validated through official U.S. equivalency examinations

Unidad Educativa Cruz del Norte

Ecuador

General High School Diploma

Experience

Senior Frontend / Full Stack Engineer

Professional and freelance projects

2022 – Present

- Designed and developed scalable web applications using React, Next.js, and TypeScript, prioritizing maintainable and reusable frontend architectures
- Implemented authentication and role-based access control systems (student, faculty, administrator, alumni) integrated with Microsoft Azure AD
- Led frontend–backend integration using REST APIs and GraphQL, ensuring clear and stable API contracts
- Built interactive dashboards with user metrics, notifications, and real-time state updates
- Improved application performance through lazy loading, render optimization, and modern frontend best practices
- Collaborated with technical and non-technical stakeholders to translate business requirements into reliable technical solutions

Software Engineer – Web Applications

2021 – 2022

- Developed administrative and business-focused web applications with strong emphasis on user experience and visual consistency
- Implemented component-based architectures and scalable project structures
- Integrated external services, MongoDB and MySQL databases, and notification systems
- Contributed to frontend architectural decisions and codebase organization

PROJECTS

TaskEasy – Task Management Platform

Role: Frontend Engineer / Project Owner

2023 – 2024

- Stack: Next.js, TypeScript, MongoDB, Vercel
- Designed modular and reusable frontend architecture
- Implemented authentication, full CRUD functionality, and notification workflows
- Deployed to production with strong focus on performance and user experience

Web Notification System

Role: Full Stack Engineer

2022 – 2023

- Implemented real-time notifications
- Integrated Firebase for notification delivery
- Built secure user preference management and notification storage

Invoicing System for Small and Medium Businesses

Role: Frontend Engineer / System Designer

2024 – Present

- Frontend developed with Next.js
- Implemented product, customer, tax, and country management features
- Focused on usability and customization for non-technical users

SKILLS & INTERESTS

Technical: JavaScript (ES6+), TypeScript, React, Next.js, Component-based Architecture, State Management, REST APIs, GraphQL, Authentication (JWT, OAuth, Azure AD), MongoDB, MySQL, Git, GitHub, CI/CD fundamentals

Interests: Large-scale frontend architectures, server-driven UI, web performance and reliability, continuous learning and emerging technologies