

Summary

Passionate full-stack web developer specializing in building AI-powered and data-driven web applications with a strong background in designing and implementing efficient, scalable, and secure web applications. Experienced in the MERN stack and a variety of tools and frameworks to create innovative solutions that empower businesses through automation and intelligent insights.

Professional Experience

Full-Stack Web Developer – Ubiqo

December 2022 – Present

- **AI-Powered Digital Lead Qualification System**
 - Designed and implemented an AI-powered backend application to interpret and evaluate chatbot conversations and form submissions, filtering potential customers and automating CRM registration.
 - Technologies used: Node.js, Express, MongoDB (Mongoose), RESTful API.
 - Integrated third-party services such as Gmail API, Google Sheets API, Botmaker API, Pipedrive API, OpenAI API, using webhooks for real-time data synchronization.
 - Achievements: The project streamlined lead qualification processes, reducing manual work and enhancing marketing and sales team efficiency. It received praise from company leadership for its impact.
- **Business Intelligence (BI) Dashboard Platform**
 - Developed a full-stack BI platform that allows users to create customizable dashboards to monitor operational performance and share insights with customers.
 - Technologies used: React, Styled Components, TanStack React Query, Node.js, Express, MongoDB (Mongoose), Cube.js for data analytics, PostgreSQL, REST API, and WebSockets for real-time updates.
 - Implemented an AI agent powered by OpenAI API to enable users to generate visualizations using natural language.
 - Achievements: Improved customer's data-driven decision-making by providing intuitive dashboard creation and real-time insights, providing ease of usage for non-expert users through the assistance of an AI agent.

Full-Stack Web Developer – HighData

September 2022 – December 2023

- **Solar Panel Project Management System**
 - Developed an end-to-end CRM web application for solar energy project management and quotation, enabling sales teams to efficiently configure and quote solar panel installations.
 - Technologies used: React, Node.js, Express, MongoDB (Mongoose), TanStack React Query, Styled Components.
 - Features: User authentication with JWT and http only cookies, dashboards with sales performance graphs, equipment management, and CRM integration.
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Education

- **PhD in Science and Technology**
Center of Engineering and Industrial Development (CIDESI - CENTA)
September 2019 – August 2022
Focus: Computational Mechanics, Computational Fluid Dynamics, Finite Element Methods.
 - **Master’s Degree in Design and Innovation**
Autonomous University of Queretaro (UAQ)
September 2015 – August 2017 (Graduated with honors)
 - **BSc in Aeronautical Engineering**
Aeronautical University of Queretaro (UNAQ)
September 2010 – August 2014
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Technical Skills

- **Front-end:** React, HTML, CSS, JavaScript (ES6+), Styled Components, Tailwind.
- **Back-end:** Node.js, Express, Mongoose, RESTful APIs, Webhooks, WebSockets.
- **Database:** MongoDB, MySQL, PostgreSQL.
- **Cloud Platforms:** AWS, Google Cloud Console.
- **AI Integration:** OpenAI API for natural language processing.
- **UI/UX Design Tools:** Figma

ARTURO ALANÍS NÚÑEZ

AI Full-stack Developer

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- **Version Control:** Git, GitHub, Bitbucket.
 - **Development Tools:** Postman, MongoDB Compass, VSCode, Visual Studio.
 - **Operating Systems:** Windows, Ubuntu.
 - **Other Programming Languages:** Python, C++, C#.
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Languages

- **Spanish:** Native
 - **English:** Proficient (C1-C2)
 - **French:** Intermediate (B1)
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Key Achievements

- Spearheaded the development of AI-driven solutions that optimized lead qualification and sales processes.
- Developed scalable and responsive dashboards that improved data visualization and business decision-making.
- Successfully integrated multiple third-party APIs to enhance system interoperability and automation.
- Consistently delivered high-quality solutions within deadlines, collaborating effectively with cross-functional teams.
- Adept at troubleshooting and optimizing performance of web applications, resulting in enhanced user experiences.

Availability to relocate and travel

- Open to relocation and travel opportunities.
- Holder of a valid U.S. tourist visa (B1/B2).