Ismael Hurtado

Web developer with experience in creating digital solutions and AI-powered applications.

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Relevant Experience

Senior Software Developer, **Municipalidad Metropolitana de Lima**
Jun 2023 – Actual

- Implementation of the Integrated Municipal Administration System (SIAM).
- Implementation of services for the Lima Segura application: https://play.google.com/store/search?q=lima%20segura&c=apps&hl=es.
- Implementation of services for the Voluntarios por Lima application: https://play.google.com/store/apps/details?id=pe.gob.voluntariosxlima&hl=es.
- Implementation of a ChatBot for ticket generation.

Software Developer, **Autoridad de Transporte Urbano**
Dic 2020 – Jan 2023

- Implementation of the ticket module in the Activity Registration System (SRA), improving efficiency in task management.
- Development and implementation of the TUPA module in the Payment Gateway System, optimizing online transactions and payments https://pasarela.atu.gob.pe/.
- Creation and implementation of the authorized personnel and visitor entry module in the Symptomatology Record System, enabling more effective control of access and visitors.
- Implementation of the payment and debt inquiry module in the Integrated Transportation Management System (SISATU), facilitating access to relevant financial information.
- Design and implementation of the warehouse management and work order module in the Operational Management System, improving control and tracking of internal processes.
- Implementation of enhancements and maintenance in the Call for Applications System (SISCON), optimizing its performance and ensuring optimal functionality for users and system administrators.

Software Developer, **Cobra Perú** Jul 2016 – Jan 2021
Statistical Analyst Dic 2014 – Jul 2016

- Development of web applications using Vanilla JavaScript on the frontend and Node.js on the backend (integrated with REST services).
- Use of SocketCluster for real-time communication.
- Deployment of Node.js projects using PM2.
- User authentication control on the backend and validation through JWT.
- Management and definition of databases with SQL Server 2016 and MongoDB 4.4.
- Automation of report sending via email developed with C# and SQL Server.
- Automation of report creation using Excel Macros - Visual Basic Script
- Analysis of production and quality indicators for the client Telefónica del Perú.
- Implementation of dashboards and KPIs for the company's indicators (Power BI).

Skills

Languages & Tecnologies
JavaScript, Node.js, TypeScript, HTML, CSS, Python, C#

Libreries & Frameworks
React, Langchain, Tailwind, Express.js

Tools & Platfforms
Git, GitHub, Netlify, Vercel, Heroku, Docker, AWS, DigitalOcean, Firebase, Supabase, Linux, CI/CD

Artificial Intelligence & APIs
OpenAI, Gemini, ChatBot development, AI Agents, REST API, SocketCluster, Whaptapi

Selected Projects

https://ismaelhv.com
Personal website build with React

Education

Universidad Nacional de Trujillo
Bachelor's Degree in Statistical Sciences

Universidad Nacional Mayor de San Marcos
Master's Program Graduate in Systems Engineering – Software Engineering