JOSEPH VARGAS BLANCO

Computer Engineering Student

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EXPERIENCE

Software Engineer
Bounce Imaging

📅 Jan 2021 – Current   📍 Remote (New York, USA)

- Lead development for a critical production web application using Ruby on Rails.
- Dockerized existing server setups for easier deployments and continuous delivery.

Director & Lead Developer
www.cpokemon.com

📅 Jun 2013 – Ongoing   📍 Costa Rica

- Led development, design and maintenance of the whole website.
- Sysadmin for dedicated CentOS server.
- Developed a WordPress-based site with more than 5000 posts and 50 000 comments.
- Integrated a combination of caching technologies such as Varnish, ensured high availability of a dynamic web application with more than 2 million monthly users and 10 000 concurrent users.
- Currently working on transitioning to a serverless / cloud architecture using a headless CMS and Vue.js, while preserving legacy PHP content.
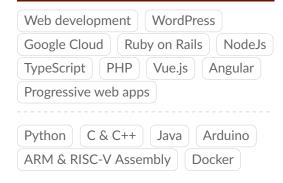
Software & Hardware Developer
Solve IT Solutions

📅 Jun 2019 – Oct 2019   📍 San Ramón, Costa Rica

- a real-time, low-bandwidth, low-power tracking system and web-based UI for specialized tools.
- Designed back-end architecture in Node.js (Nest.js).
- Implemented RPC services for communication accross microservices in an existing Java project.

TECHNICAL SKILLS

Web development   WordPress
Google Cloud   Ruby on Rails   NodeJs
TypeScript   PHP   Vue.js   Angular
Progressive web apps

Python   C & C++   Java   Arduino
ARM & RISC-V Assembly   Docker

EDUCATION

B.Eng. in Computer Engineering
Tecnológico de Costa Rica

📅 2016 – Ongoing   📍 Cartago, Costa Rica

International Baccalaureate Diploma Programme
Colegio Bilingüe de Palmares

📅 2014 – 2015   📍 Palmares, Costa Rica