JOSEPH VARGAS

Computer Engineering Student

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EXPERIENCE

Software 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 Developer

TEC Digital

🗓 Oct 2020 – Current   📍 Cartago, Costa Rica

- Working on integrating a modern JavaScript-based component with a legacy Tcl-based system.

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   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