

Juan Cortes

Computer Programmer and devops

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EXPERIENCE

Oxnard Police Department — Programmer Analyst

APRIL 2009 - DECEMBER 2021

I built and managed 2 datacenters. Developed multiple web systems and a mobile app. Manage and maintain the 911 system along with the communication to the police cars.

Dolphin Search — Data Operations engineer

NOVEMBER 2003 - MARCH 2009

Processed multiple TB of data for law firms.

SKILLS

Virtualization, VDI, Storage, SQL, Linux, Web developer, Systems architect, Devops, Cloud computing, Docker, Ansible, mobile app development, Computer security, Computer networking, Video, Active Directory.

EDUCATION

TEC de Monterrey, Guadalajara, Mexico — B.S. Electronic Systems Engineer

SEPTEMBER 1998 - JUNE 2003

COMPUTER LANGUAGES / FRAMEWORKS

Python, javascript, html, php, django web framework, Elasticsearch, Cordova, CSS, Bootstrap, jquery

SOME OF THE MOST RECENT PROJECTS I WORKED ON

OXPDAPP — Phone App

This app was one of the many projects I built to help police officers do their job more efficiently.

LANGUAGES

English and Spanish

Community Cameras — Video surveillance

Designed, built and maintained a network for 36 locations across the city with over 100 cameras that record video at a central location. Each location has 3 cameras, a router, and a network switch inside a metal box mounted on top of a power post. Some use the cell network while others use a ubiquiti network.

911 System

Maintain the 911 system for the city. Because of the importance of this life/death system, it needed to be up 24x7 along with the network needed to connect to the police cars.