Contact

jc@saipantech.com
818 SW 3rd Ave #186
Portland, OR 97204-2405

Education

BS Computer Science
National University Sacramento, CA,

Nuclear Power School
United States Navy,

Michigan Tech University
Electrical Engineering ,

Certification

Linux Foundation
Certified Engineer

OS Administration

Linux,

Windows Server (8,12,16),

Windows, MacOS

VM Management

RHEV Manager,

OpenStack, VMWare

Containers

Docker, LXD/LXC

Orchestration

Docker Compose,

Kubernetes, OpenShift,

Storage Systems

Ceph, Swift, Cinder,

Gluster

Scripting Language

Python, BASH, Perl

Development Languages

Python, AngularJS, JavaScript,

C, C++, HTML,

CSS, Jquery, PHP, Go

Development Frameworks

Django, Angular 5+

Admin Automation Tools

Ansible, Puppet

Interests

Astrophysics, Wood Crafting,

Music Performance

Special Skill

Speak fluent Korean

Jonathon C. Clark

Information Technology Director
Senior Linux Administrator
Full Stack Developer

Director of Information Technology

Mount Carmel School, - Saipan, Northern Mariana Islands
August 2015 – Present

Established an Information Technology Department on the largest private school on the island.

• Created a school based Data Center. aggregating many technologies and frameworks, Deployed VMware, and RHEV platforms, hosting Windows Servers, Windows Desktops and Linux Workstations. Implemented domain wide backup automation and security policy for critical system data utilizing private and public cloud storage.

• Developed and installed new virtual computing strategies and solutions which provided scalable computer pool resources for students and teachers.

• Developed and deployed several in-house, highly available, mission critical applications for Administration and Business Office.

• Recognized and instituted cost cutting measures which saw the successful migration to open source and in-house developed solutions whenever possible.

• Provided a sustainable hi-tech infrastructure to ensure the institution would have the tools to continue its growth and digital evolution.

Systems Engineer and Administrator

Mango Resort Saipan - Saipan, Northern Mariana Islands
February 2014 - Present

A newly renovated hotel with no systems in place.

• Engineered and supervised the construction of all electronic infrastructure for the resort including computer, satellite entertainment, WiFi, and office administration systems.

• Developed, programmed and deployed, the property management system (PMS) and desk reservation system.

• Harnessed virtual technology to provide cost effective growth solutions.

Systems Administrator

Seoul English Science Edu-Center
August 2011 - February 2014
Seoul - South Korea

A South Korean science observatory and learning center.

• Streamlined the publication of a bi-weekly science periodical. I developed a network of administrative windows and Linux computers for data sharing and WebDAV collaboration.

• Maintained computer lab equipment to highest readiness.