Raymund MARTINEZ

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EDUCATION

LORMA Colleges, La Union, PH

B.S., Computer Science, June 2017

- Thesis Topic: *Application of Contour Extraction To Detect and Extract Images of Crop-Eating Flying Insects*

PROFESSIONAL EXPERIENCE

Agilis Enterprise Solutions
Makati City, Manila

Software Engineer and System Administrator — 2019–Present

- Be part of every step of the projects development cycle including, but not limited to, project kickoffs, business analysis, software development, quality assurance, internal/external product demos, and after-sales modifications (both with legacy and non-legacy versions of Odoo), which leads to a more well-rounded understanding of a clients needs
- Conduct an Odoo Fundamentals training course for a team of engineers for a client, with the assumption that these engineers have zero working knowledge with Odoo
- Coordinate with the partners engineers on how best to approach a problem, while keeping in mind mainly the companys time and budget constraints
- Discuss/Propose alternative solutions for clients problems, which typically occur when clients needs run in conflict with how Odoo natively handles its processes
- Install virtual/isolated instances of Odoo (all the way from Odoo version 8, until Odoo version 17, Community or Enterprise) on coworkers machines and on clients on-premise servers remotely, and performing database migrations in between their multiple servers when needed, while maintaining servers uptime
- Maintain backups of clients databases on cloud hosting providers like Akamai (formerly Linode), Digital Ocean, other Linux-enabled VPS Providers, and on Odoos cloud platformOdoo.sh
- Manage the Git repositories containing the companys internal modules, including repositories from outsourced developers
- Participate in the companys TechCom-OpCom group discussions which mainly discusses projects with prospective clients, but also tackles topics regarding the companys future trajectory (both internally as a means to improve company processes, and externally in terms of expanding the companys market reach)

Freelance
Quezon City, Manila

Technical Writer — 2017–present

- Create blogs about technical topics at zhaqenl.github.io
- Implement wordsearch and kingdom algorithms (as part of Kalibrrs screening process) in Python, and writing a behind-the-scenes problem-solving process to get to a working solution
- Contribute to open source projects (see github/gitlab profile for more)

Sun Life Financial
Taguig City, Manila

Data Encoder — 2018–2019

- Port files from IBM notes into a compatible format for Adobe RoboHelp

La Union Medical Diagnostic Center and Hospital, Inc.
San Fernando City, La Union

On-the-job Trainee   2015–2015

- Cleaned up and maintained the integrity of entries inside the Hospital Management System.

TECHNICAL PROFICIENCIES

Programming languages: Python, Hy, JavaScript, ClojureScript, Common Lisp, Racket

Operating systems: Linux, Windows, NixOS

Virtualization: Docker, Vagrant, VirtualBox

Software development: Emacs, Git, Selenium (Web Automation Framework), Code Profiling

System services: Nginx/Apache, LUKS/dm-crypt, RAID/LVM, CUPS

Development methodologies: Agile (Kanban, XP (Extreme Programming)), TDD (Test-Driven Development)

Typesetting: LaTeX, Markdown

ERP Solutions: Odoo

Web frameworks: Hugo, Flask, Django

Databases: PostgreSQL

PERSONAL INFORMATION

Date of birth: October 15, 1996

Place of birth: Vigan City, Ilocos Sur

Human languages: English, Filipino, Esperanto, Ilocano

Hobbies and interests: Reading, Strength Training, Endocrinology, Music

WPM: 155.12 WPM (zhaqenl in Global Leaderboards)