

# Home

mc

## About me

- A System Engineer graduated from Asian Institute of Computer Studies and having more than 5 years of extensive experience in developing company systems for RareJob Phils
- Systems Engineer in RareJob Phils since Sept. 2012
- Result driven, self driven, highly motivated, smart and hungry to learn new technologies, methodologies, strategies, and processes

## Strengths

- Good oral, written, & presentation skills
- A high tolerance for stress and enjoys responsibilities
- Quick learner & good grasping ability
- Very resourceful
- Lead & work as a team in an organized way
- Great time management skill

## Personal Information

- Date of Birth: February 17, 1978
- Sex: Male
- Status: Married with 2 kids
- Nationality: Filipino
- Languages Known: English & Filipino
- Contact information: rfdeguzman21@gmail.com | 09165900905

## Previous experiences

- Technical Support Representative/Professional from Sykes, HP, Dell, & StarTek

# Skills

## Programming Languages

### Python

Flask Django Celery

### PHP

Yii Laravel Codeception CakePHP

### Ruby

Rails

### CSS

Twitter Bootstrap 2.0/3.0 Sass SCSS

### Javascript

NodeJs

ExpressJs

AngularJs 1.x

ReactJs

JQuery

## Operating Systems

Windows XP/7/10

Linux Mint

Ubuntu

ArchLinux

Debian

CentOS

## Databases

MySQL 5 SQLite MongoDB Redis

## Tools

### MySQL Admin UI's

MySQL Workbench phpMyAdmin Adminer

### Javascript task runners

GruntJS Gulp

### Automated Deployers

Jenkins capistrano

### Version control systems

Git Github BitBucket

### PHP IDE's

CodeLobster Netbeans PhpStorm

### MySQL Admin

MySQL Workbench phpMyAdmin Adminer

### Javascript task runners

GruntJS Gulp

### Dependency management

Composer

NPM

Bower

### Provisioning environments

Vagrant Virtualbox

### Cloud services

AmazonS3

### Others

REST API

Crontab

Webmin

BeyondCompare

SublimeText

Notepad++

# Projects

## Inbox messaging and alerts for company's main website

This project integrates nodejs to an existing website which enables support to communicate messages and alerts to tutors

**Duration:** September - November 2015

**Role-played:** Developer

**Skills used:** Yii Flask/Python NodeJS AngularJS MySQL MongoDB Redis Bower REST API Vagrant Gulp

- Messages and alerts are received by tutors on a realtime basis, thanks to nodejs
- Data is handled via api calls by angularjs apps to an api server developed in flask
- This inbox project also tracks down offline messages (counter) for tutors and support

## Chatter and ChatterAdmin

This project manages chatter's account, schedules, and timecard entries. Also handles file management using AmazonS3

**Duration:** on-going development / new feature requests

**Role-played:** Designer, Developer, and Tester

**Skills used:** Yii RBAC Vagrant CentOS MySQL AmazonS3 GitHub AngularJS Bower

- **Chatter**
  - displays chatter's profile
  - interface to save & submit chatter's schedules
  - displays pdf manuals
  - display notifications from admins
  - manages attendance
  - uses angularjs to manage ajax requests
- **ChatterAdmin**

- manages chatter profiles
- handles the approval/modifications of schedules submitted by chatters
- uploading of manuals and notifications for chatters
- attendance reports
- manages chatter's work records
- view chat history
- ticket management (free chat minutes)
- email subscriptions and management (marketing tool)

## Chatpage

This project allows chatters to chat with their students on IOS app

**Duration:** On-going development / new feature requests

**Role-played:** Maintainer / Tester

**Skills used:** ExpressJS AngularJS Github Vagrant CakePHP GruntJS Bower

- **Frontend**
  - website used by chatters to communicate via chat with users using IOS app
- **Backend**
  - uses CakePHP & NodeJS server to handle backend services such as database operations, socket connections, and authentication

## Password Change Schedule

This component will force users to change their passwords in all Yii systems based on the set schedules (every June 30 & December 30)

**Duration:** June 2014

**Role-played:** Designer, Developer, and Tester

**Skills used:** Yii Xampp Centos MySQL

## Email Queuing

This component will allow yii-systems to queue their emails and sends them at a later time. Can also be used by other frameworks.

**Duration:** June 2014

**Role-played:** Designer, Developer, and Tester

**Skills used:** Yii Xampp REST API Centos MySQL

- this can be used with Email CMS
- allow admins to resend emails with failed status
- has cron job to clear db entries leaving only a month's worth of data

## Staff API

This is used to sync staff tables from jp servers to ph servers. This is called via curl in staff cms system.

**Duration:** May 2013

**Role-played:** Designer, Developer, and Tester

**Skills used:** Yii RBAC Xampp Centos MySQL

## Staff CMS

CRUD management of staffs ie. team assignments, job positions/promotions, resignations.

This module provides reset for forgotten passwords.

**Duration:** May 2013

**Role-played:** Designer, Developer, and Tester

**Skills used:** Yii RBAC Xampp Centos MySQL

## Biometrics

Calculates the number of hours an employee rendered on a given range.

**Duration:** Sept 2012 - May 2013

**Role-played:** Designer, Developer, and Tester

**Skills used:** Yii RBAC PHPExcel Xampp Centos MySQL

By May 2013, this project was passed on to a new developer so I can focus on other projects.

- this system accepts a csv-formatted document containing staffs' time entries for a specified cutoff. Afterwards, the system will rectify the time records based on the rules provided by the Personnel team. Lastly, the system will compute for an employee's rendered work hours/minutes

- Personnel team may view the final results either through the web browser or by exporting it to excel
- sub modules includes: uploading of employees' schedules, special entries (ie adjustments), and holidays
- the system will take into consideration these sub-modules and process the work hours accordingly ie. work rendered on a holiday should be treated differently than work rendered on a regular work day
- the system also logs errors and actions made by users for tracking purposes (developers/debugging)

### Jobsworth

This system allows developers to plan and schedule their projects  
(discontinued as of 2014, in favor of redmine)

**Duration:** Report-Bug/Fix cycle

**Role-played:** Developer and Tester (Maintenance/Improvements)

**Skills used:** RubyOnRails CentOS MySQL

- lets the developers know if they're slipping behind and why
- time tracking and extensive reports help clients what the developers have done and for how long.

### Web-based Overtime (WebOT)

Online interface to allow users to apply for overtime requests

**Duration:** Sept 2013

**Role-played:** Developer & Tester

**Skills used:** Yii RBAC Xampp Centos MySQL

- managers can easily approve/disapprove requests of employees under their respective teams
- this system is integrated with the Biometrics System, thereby considering approved OTs in the computation for rendered work hours

### Email CMS

This module provides crud management of email templates that is used by other systems

**Duration:** August 2013

**Role-played:** Designer, Developer, & Tester

**Skills used:** Yii Xampp MySQL

- allows dynamic changes in email templates without changing codes in the systems

### Mass Email

This module allows the user to send/broadcast an email message to selected recipients

**Duration:** August 2013

**Role-played:** Designer, Developer, & Tester

**Skills used:** Yii Xampp MySQL

### Post CMS

CRUD management of posts/announcements in the "What's new" section of the company's website

**Duration:** June 2013

**Role-played:** Designer & Developer

**Skills used:** Yii Xampp MySQL

- posts/announcements are shown depending to the type of broadcast: all, certain employees, etc.

### Deletion/Cleanup of RegistrationLogs

This module is run via cron which deletes all logs, leaving only a month's worth of data in reference to the run/execution date

**Duration:** Sept 2013

**Role-played:** Developer

**Skills used:** Yii Xampp CRON MySQL

## Education

### Asian Institute of Computer Studies

Associate Degree in Computer Science

### Genetic Computer Institute

E-commerce professional certificate

**St. Elizabeth Seton School**

Secondary school

**Holy Child Catholic School**

Primary school