**DEOL TITO**
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## CAREER OBJECTIVE

Keen to source a challenging role in a dynamic corporate environment which will offer early responsibilities, a progressive career path and the opportunity to maximize my potential.

## TECHNICAL SKILLS

**Operating Systems**      Gnu/Linux Operating Systems:
As administrator level experience on Various Linux distributions in CentOS, RHEL, Ubuntu, etc.

**Programming Skills**      Basic knowledge in BASH scripting.

**Servers**      *Web Servers
Good in Apache web-server, familiar with Nginx, Litespeed and Varnish servers.
Experience in configuring and installing Apache , SSL management.
Creating virtual servers, performance tuning.

*Databases
MySQL, MariaDB, basic knowledge on Postgresql

*DNS Servers
Bind configurations, DNS clustering

*FTP Servers
Pure-FTPd and ProFTPd

*SMTP Servers
Exim, Sendmail

*POP3/IMAP Servers
Courier, Dovecot

*Virtualization techniques

Open VZ

*Repository
Yum, apt server build and management

*Remote Login
OpenSSH server (Expert, build and configuration in Data centers)

*Security
CSF, APF, rkhunter, Chkrootkit, ClamAV, CXS

*Backup
tar, dump, configuring remote backups, R1soft

*Others
Experience in MS Office. Fundamental knowledge in Wordpress, Joomla, SolusVM control panel etc.

**Data Center Management**    *Monitoring tools: Nagios, NodePing
*Server Control Panels: cPanel, Fundamental
knowledge in Plesk, DirectAdmin.

## WORK EXPERIENCE

**Company : VIPoint Solutions**

**Role       :  Sr. Linux System Administrator**

**Duration  :  Jan 2014 – Till Date**

### Role & Responsibilities

➢ Administer, secure and support CentOS cPanel servers, CloudLinux servers.
➢ Advanced Troubleshooting and technical support abilities with migrations, network connectivity, and security and database applications
➢ Server hardening and optimization
➢ Server scanning for malwares, backdoors etc.
➢ Installed, configured and administered APF (Advanced Policy Firewall) for added server protection
➢ Installed, configured and administered BFD (Brute Force Detection) for DoS and DDoS protection
➢ Installed and configured CSF (configure security firewall) and LFD automated firewall on web-servers.

- ➢ Tweaking and performance tuning of Apache Webserver and MySQL server configuration
- ➢ Handling Abuse issues , Hack, Spamming, Phishing Investigations
- ➢ Configuring Nagios for all kinds of servers and writing new nagios checks according to requirements.
- ➢ Managing troubleshooting activities for key clients & ensuring customer satisfaction by achieving delivery & service quality norms.
- ➢ Attending to clients (individuals/corporate clients) concerns & complaints and undertaking steps for effectively resolving them.

## ACADEMIC PROFILE

| COURSE | INSTITUTION | AGGREGATE | YEAR |
|---|---|---|---|
| B-Tech (Computer Science and Engineering) | Govt. Model Engineering College, Cochin CUSAT | 60.35% | 2009 -2013 |
| Class XII | S.N.V Sanskrit School, Ernakulam | 72% | 2009 |
| Class X | Gulf Model School, Dubai | 84% | 2007 |

## CERTIFICATIONS

RedHat Certified System Administrator in Red Hat Enterprise Linux 6

RedHat Certified Engineer in Red Hat Enterprise Linux 6

Certificate ID for both (RHCSA & RHCE): **130-196-751**

L1:cPanel certification: Sales.

L1:cPanel certification: Technical.

Certificate ID for both ( cPanel Sales & Technical): **hxdh-697282**

## PROJECTS & SEMINAR

**DNA BASED CRYPTOGRAPHY**                         **Team Size: 4**
**Duration: 6 months**

- In this project, a binary form of data, such as plaintext messages, and images are transformed into sequences of DNA nucleotides.
- An algorithm to implement DNA based cryptography for message, file and image encryption is developed.
- It also ensures double level of security by incorporating RSA algorithm along with that of DNA.
- The project consists of a user defined java API and application to implement the same.


**NoSQL ( Not Only SQL )**

- This seminar explains about NoSQL database that provides a mechanism for storage and retrieval of data that use looser consistency models
- They have reduced run-time flexibility compared to full SQL systems
- The seminar covers the design and implementation of NoSQL


## POSITIONS OF RESPONSIBILITY

- Core Committee member of Govt. Model Engineering College at Sargam 2012, annual cultural fest of CUSAT University**.**
- Assigned as the only dedicated admin for a client under trial period at VIPoint Solutions, with the motive of making the client a permanent one


## ACHIEVEMENTS
- Converted client under Trial period to Active or Permanent Client at VIPoint Solutions.
- Active participant in various Technical festivals and sport events

## PERSONAL DETAILS

DOB : 14-10-1991

Sex : Male

Marital Status : Single

Languages Known : English, Hindi, Arabic and Malayalam.

## DECLARATION

I hereby declare that the above furnished information is true to the best of my knowledge

Place  : Ernakulam

Date   : 31 December 2015                                        DEOL TITO