

VIVEK VARGHESE CHERIAN

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India.

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OBJECTIVE

To discharge the entrusted functions effectively and efficiently, to get to a position from where I can contribute creatively towards the development of the organization and to constantly improve and update myself to become a valuable asset for the organization through intelligent application of knowledge and continuous learning.

PERSONAL SKILLS

- # Dedicated and goal oriented.
- # Willingness to constantly learn and deliver above expectations.
- # Comprehensive problem solving abilities.
- # Team facilitator.
- # Excellent verbal and written communication skills.
- # Ability to deal with people diplomatically.
- # Good understanding of the Unix way of problem solving.

ACADEMIC PROFILE

- # B.E in Mechanical Engineering from Kuvempu University, Karnataka.
- # AISSCE (C.B.S.E) from Mahatma Gandhi Public School, Kochi, Kerala.
- # AISSE (C.B.S.E) from Chinmaya Vidyalaya, Tripunithura, Kochi, Kerala.

ADDITIONAL QUALIFICATIONS

- # Certificate Course in hardware and networking, KELTRON IT center, Vytilla, Cochin.
- # Currently pursuing a course towards obtaining Red Hat Certified Engineer (RHCE) in Vibrant E- Technologies, Andheri West, Mumbai.
- # Currently undergoing a 5 month mentoring program in GNU/Linux Systems Administration under Rajiv Banerjee (FOSS Consultant and Trainer, Vashi, Navi-Mumbai).

PROFESSIONAL PROFILE

Netcore Solutions Pvt Ltd (Sep 2008 till date)

Role: Senior Technical Support Engineer.

**# Homi Bhaba Center for Science Education at the Tata Institute of
Fundamental Research. (Mankhurd, Mumbai) (Nov 2008 – March 2009)**

Role: Short Term Visitor.

Job Profile:

Assisted Professor Nagarjun as a Systems Administrator in the Gnowsys lab.

Directi Internet Solutions Private Limited. (Mumbai) (Nov 2007- October 2008)

Role: Systems Administrator.

Job Profile:

- Installation, Configuration & Management
- Configuration and administration of all corporate Windows and Linux systems.
- High volume Linux/Windows Web/Mail/Database Servers setup and maintenance.
- Monitoring & Developing better monitoring and notification policies to maximize uptime.
- Run frequent security checks on the servers.
- Troubleshooting complex support issues .
- Summarizing reports for senior System Administrators.
- Ensuring automated backups.
- Pre-deployment testing.
- Package building and manual deployment techniques.
- Basic log analysis, and debugging from that.
- Log monitoring & reporting.
- Running basic SQL queries to ensure that databases are up and tables are not locked.
- Infrastructure management

- Monitor load averages, System Load, Uptime and suggest upgrades/fine tuning to the systems.
- Help desk management

- Monitor support requests & identify common problems and develop permanent solutions.
- Monitor problem resolution response times and cut time spent on problems by finding innovative automated ways.
- Automation

- Identifying manual/repetitive tasks and automating it.
- Automate product installations & central systems configuration management.

- Documentation

- Documenting processes, troubleshooting information, problems and their resolutions.

- Vendor management

- Co-ordinate with data centers to troubleshoot network, server hardware problems.
- Co-ordinate with ISP's, Office infrastructure related vendors in resolving issues related to Internet connectivity, Phone lines etc.
- Escalate problems internally to superiors as well as with vendors superiors according to the escalation charts defined.

- Research & Development

- Evaluate software/hardware products (Free/Commercial) as per managements needs.
- Prepare & present proposals with respect to systems/software infrastructure.

- Task Delegation and Mentorship

- Act as the point of escalation for junior Systems Administrators (Systems Operators) and assist them as per requirement.
- Task Delegation to Systems Operators and Junior Systems Administrators
- Mentor Fresher Systems Administrators and assist them in getting familiar with the company's technical and non-technical expectations.

DeepRoot Linux Pvt Ltd (Bangalore,) (August- November 2007)

Role: Free/Open Source Software Engineer/ Technical Support Engineer.

Job Profile:

Get involved in the various Free/Open source development efforts both at DeepRoot Linux Pvt Ltd professionally and also elsewhere as a means of contributing to the Free/Open source movement.

Work on designing solutions for customers who want to use Free/Open source software so that

they can use the companies products effectively.

Lead training programs so that helps clients build their Free Software skills.

Provide Pre-Sales and post-sales technical support assistance and support to customers.

#DFI Software Private Limited (Cochin, Kerala) (Feb 2007-August 2007)

Role: Technology Infrastructure Engineer

Job Profile:

Building, maintaining and supporting the technology infrastructure needed for the smooth operation of the Cochin office, covering computer hardware and installed software, VPN networking with the US office, VoIP infrastructure and related aspects. Infrastructure components of Data Foundation's commercial software products, including Java application server support, database support, installation packages and processes.

#Hifix IT and Media Services (Cochin,Kerala) (13th March 2006 to Feb 2007)

Role: Technology Content Developer/ Open Source Subject Matter Expert.

Job Profile:

Implemented Open source solutions like FreeBSD/Debian Domain Controllers based on Samba, FTP servers using Vsftpd , Web servers using Apache. Databases using MySQL. Database management using phpMyAdmin.

Create learning content and course ware material for topics in Free/Open source technologies for The Virtual Training Company (<http://www.vtc.com/>)

Stay current with the newest Open Source technologies; research new technologies in open source realm and make recommendations on training titles and methodology.

Collaborate with systems and development staff to collect and interpret technical information. Collaborate with business analysts, Web designers, and software developers to ensure prototypes can be efficiently implemented

#The IndLinux Project (1-1-2002 till date)

Role: Systems Administrator/Technical Documentation writer/ FOSS community evangelist.

HARDWARE SKILLS

Assembly and trouble shooting of custom made PCs with GNU/Linux operating system pre-installed for multiple clients.

Setting up of corporate Networks including VPN Networks.

OPERATING SYSTEMS

GNU/Linux, FreeBSD, Windows 2003 Server, Windows 2000 server, Windows NT.

SOME SAMPLE PROJECTS

Set up Mailman on a Postfix server with SMTP AUTH enabled.

Role	Systems Administrator
Team Size	1
Duration	2 days.

Systems administrator of NASSCOM (www.nasscom.org and www.nasscom.in)

Role	System Administration team member.
Team Size	5
Duration	8 months.

Installed and configured RT (request tracker).

Role	Team member
Team Size	2
Duration	2 weeks.

Iptables firewall upgrade for the DeepOfix Mail Server

Role	System Administrator
Team Size	2
Duration	2 weeks

Installation and configuration of Squirrelmail for a client named Aaliptha systems.

Role	Team Member
Team Size	1
Duration	1 day.

Mail server (DeepOfix) with Qmail, Qmail-LDAP, Courier-IMAP, Courier-POP3, Clamav, Spamassassin, Dovecot, Webmail.
The mail server will have a custom build front end called EasyPush. (DeepOfix from scratch project)

Role	Team Member
Team size	4
Duration	2 Months.

OpenLDAP deployment.

Role	Team Member
Team size	2
Duration	3 weeks

Deployment of a meta data software for a US Company (Data Foundations Inc) on a Jboss application server running on a Debian GNU/Linux Machine.

Role	Team Lead
Team size	2
Duration	2 Months

Maintenance of the internal communication using Internet Relay Chat (IRC).

Role	IRC Administrator
Team size	2

Samba Training module

Role	Technology content developer.
Team size	3
Duration	3 months.

Debian GNU/Linux Training module

Role:	Technology content developer
Duration	6 Months

Developed a training module for the Koha Library Management Software.

Role:	Team Leader
Team Size	3
Duration	2 Months.

Systems Administrator of IndLinux Project (www.indlinux.org)

Role	Systems Administrator
Team Size	2
Duration	Till date.

Administrator of gnulinux.in

Role	Administrator
Team Size	5
Duration	2 Months

TECHNICAL AND GENERAL WRITINGS

- # GNU/Linux Howtos:- <http://vivekvc.freeshell.org/howtos.html>
- # Software Hacks:- <http://vivekvc.freeshell.org/hacks.html>
- # General Writings <http://vivekvc.freeshell.org/writings.html>
- # My Hobby Website :- <http://vivekvc.freeshell.org>
- # My Blog: <http://vivekvc.wordpress.com/>

FOSS COMMUNITY ACTIVITIES

- # Former coordinator of Free/Open Source User Group (FSUG)-Kochi.
(<http://gna.org/projects/fsug-kochi>)
- # Former Web master of GNU. (<http://www.gnu.org/people/past-webmasters.html>)
- # Former GNU Savannah Administrator. <http://savannah.gnu.org>
- # GNU contribution credits: <http://www.gnu.org/fry/happy-birthday-to-gnu-credits.html>
- # Coordinator on behalf of FSUG-Kochi at Software Freedom Day
(<http://www.softwarefreedomday.org/archives/2006/asia/India/Kerala/Kochi>)

PERSONAL DETAILS

Date of Birth:	th 5 December 1978.
Sex	Male.
Father's Name:	Mr. Cherian Varghese (Senior HR Manager, O/E/N India Pvt Ltd,Cochin.)
Marital Status	Married.
Spouse's Name	Architect Phebe George. (Consultant Architect with Architect Hafeez Contractor,Mumbai)
Nationality:	Indian.
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REFERENCES:-

Rajiv Banerjee (FOSS Consultant and trainer, Mumbai)
Professor Dr. Nagarjun.G (HBCSE, TIFR, Mumbai)
Devdas Bhagat (Systems Architect, Directi Internet Solutions, Mumbai)
Siju George (Senior Networking Consultant, Hifix, Cochin)

I hereby declare that the above written particulars are to the best of my knowledge and belief.

Vivek Varghese Cherian