

CURRICULUM VITAE

BALVINDER SINGH

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SUMMARY

- ☐ Having 2 years & 4 Months of Experience in Linux System Administration in IT Industry.
- ☐ Having 1 Yr of Teaching Experience in GECEB, Bikaner as Teaching Assistantship.
- ☐ Ability to quickly learn and understand from self-study or analysis.
- ☐ Team player - listens, share, cooperate and learn together as a team.
- ☐ Designed an Image Steganography Technique for Information Security.
- ☐ Designed own blog website www.linuxtweaks.in including my whole work.
- ☐ Worked on MATLAB Simulator.
- ☐ Qualified Gate 2012.

EDUCATION

2012-14	Govt. Engineering College Bikaner, Bikaner, Raj.	68%	M.Tech.(SE)
2008-12	Yagyavalkya Institute of Technology, Jaipur, Raj.	70.43%	B.Tech (CSE)
2008	Khalsa Se. Sec. School, Sadul Shahar, Raj.	61.38%	Class XII
2006	G. N. Public Sec. School, Sadul Shahar, Raj.	71.17%	Class X

RESEARCH PAPER PUBLICATION

- ☐ A paper titled "A Hybrid Approach for Characters Recognition in License plate Recognition System" is **Accepted** and **Presented** in "Fourth International Conference on Advances in Computer Science-AETACS2013" and yet to publish in **Elsevier**.
- ☐ A paper titled "PDAC(Parallel Encryption with Digit Arithmetic of Cover Text) Based Text Steganography" is **Accepted** in "Fourth International Conference on Advances in Computer Science-AETACS2013" and yet to publish in **Elsevier**.
- ☐ A paper titled "An Efficient Text Steganography using Digit Arithmetic" is **Accepted** in "Fourth International Conference on Advances in Computer Science-AETACS2013" and yet to publish in **Elsevier**.

WORKSHOPS

- ☐ Participated in Sort Term Course on "**Future Trends and new Inventions in Computer Science and Engineering**" Organized by Department of Computer Science and Engineering, **Govt. Engineering College, Bikaner** during 23 September to 27 September 2103.

- ☐ Participated in Sort Term Course on “**Pattern Recognition Techniques**” Organized by Department of Computer Science, **MNIT Jaipur** during 13 May to 17 May 2013.

SEMINAR

- ☐ Presented a Seminar on “Hiding Secret Message in Digital Media using Steganography for Enhancing Data Security” during M.Tech.
- ☐ Presented a Seminar on “Nokia Morph (Nanotechnology)” during B.Tech.

PROFESSIONAL TRAINING

- ☐ 45 days Project Training in ASP.Net, ADO.Net & C# during 13th june to 30th july 2011 at Orbit Technologies, Jaipur

TECHNICAL SKILLS

Languages	:	C, C++,Shell Script
Database	:	MySQL, PostgreSQL etc.
OS	:	Windows XP,Windows 7, Linux(RedHat,Fedora,Ubuntu,Centos etc.)
Simulator	:	MATLAB
Others	:	Wordpress, Magento, Drupal (CMS)

PROFESSIONAL EXPERIENCE

My Professional life starting on Date Feb, 28. 2014

Organization	:	EmizenTech Pvt. Ltd., Jaipur.
Designation	:	Linux System Administrator.
Experience	:	1 Year and 7 Months.

KEY RESPONSIBILITY AREAS :

★ Linux Server Administration

- ☐ Server administration of 50+ servers (Red Hat, Centos, Ubuntu).
- ☐ Installation of different types of linux Distro.
- ☐ Worked with WHM/Cpanel, Parallel Plesk,Nexcess,Godaddy etc.
- ☐ Worked with Rackspace,Linode,Amazon EC2,Godaddy etc.
- ☐ Configuring Apache/Nginx web servers, SSLs,Php.
- ☐ Package installation Using “Yum” ,”rpms” and “Source”.
- ☐ Worked with Git,Svn also on Bitbucket, Assembla version control system.
- ☐ Varnish,Redis,Memcache,Pagespeed installation and configuration.
- ☐ Server Optimization with different application.
- ☐ Performance Tuning for Wordpress,Magento based websites.
- ☐ Created bash script for Automated backup of servers and monitoring servers.
- ☐ Server Security with iptables,firewall,Clamscan,CSF,Fail2ban.

- ☐ Worked with Sendmail,iRedMail,Exim,Postfix mail server.
- ☐ Worked on VMware vSphere Hypervisor Virtualization.
- ☐ Worked on Nagios Monitoring & Cacti Monitoring.
- ☐ Multiple PHP version Controlling with phpbrew.
- ☐ Git Server Setup with GitLab.
- ☐ Github, Gitlab, Bitbucket auto deployment.

Started work with New Company on Date Oct, 01 2015

Organization : Xicom Technologies Ltd, New Delhi.
Designation : Sr. System Administrator.
Experience : 9 Months.

KEY RESPONSIBILITY AREAS :

★ **Sr. System Administrator**

- ☐ Handling, Managing, Maintaining local and clients server both Linux, Windows
- ☐ 50+ physical and virtual servers in a mixed Linux and Windows environment.
- ☐ Worked on IIS, filezilla server, SQL server installation etc.
- ☐ Management of Amazon Web Services architecture like EC2, Route53, S3 etc.
- ☐ Network Services: DNS/Bind, Samba, FTP, SSH, DHCP, HTTP etc.
- ☐ Configuration and management of Subversion and Git.
- ☐ Configuration and management of DHCP, DNS server, Backup server
- ☐ Accountable for rendering support for the Linux Systems & maintaining uptime for all the systems as per the Customer Defined SLA's.
- ☐ Planning and managing hardware infrastructure of servers, desktops, and networking equipment based on growth plans.
- ☐ Analyze, log, track complex software and hardware matters of significance pertaining to networking connectivity issues, printer, server, and application to meet business needs.
- ☐ Ensuring fault free System Performance (Process, Load & Disk Space).
- ☐ Scripting and automation & auto deployment.
- ☐ Responsible for upgrading system, capacity planning and system management.
- ☐ Designing and building servers as per project requirement.
- ☐ Responsible for providing disaster recovery planning and execution for the Linux environment.
- ☐ Documentation management if required by client.
- ☐ Setup Vimbadmin mail server and Samba share for internal IT documentation.
- ☐ Build and maintain the Linux based monitoring infrastructure (NAGIOS).
- ☐ Health checkup of all the production servers, monitoring what's up alerts on a routine basis.
- ☐ Backup management via self-written Bash scripts & via Penel provided Backup tools.
- ☐ Installation, up-gradation and configuration of control panels like cPanel,Website Panel etc.
- ☐ Migrated servers including cPanel/Plesk/Website Panel from outsourced hosting provider to internal servers.
- ☐ Installation and configuration of Windows/Linux servers to host websites, Databases, Emails etc.
- ☐ Working with Malware removal, server login restriction, Web security, Security auditing.
- ☐ AWS EC2 server setup, S3 Storage Step, RDB, Cloudfront, CDN installation and configuration (Cloudflare, Max-CDN etc).

- ☐ MySQL/MariaDB server (MyISAM/InnoDB :- optimization according to server's configuration)
- ☐ Mail Server building for sending and receiving mails (Exim, postfix, sendmail) setup mail client roundcube, squirrelmail, Horde. Troubleshoot mail issues, configure mail for delivery in inbox.
- ☐ Virtualization technology :- VMware VSphere Esxi

EXTRA CURRICULAR ACTIVITIES

- ☐ Qualified Gate 2012 and Achieved 84.46%ile in Computer Science.
- ☐ Participating at District level game of “**Badminton**” in 10th Std.
- ☐ Participated at School level in “**Quiz Competition**” in 10th Std.
- ☐ Designed own blog website www.linuxtweaks.in including my whole work.

OTHER INFORMATION

- ☐ I am conversant with English, Hindi and Punjabi.
- ☐ Believe in Teamwork
- ☐ My Hobbies includes
 - Music
 - Cooking
 - Net Surfing
 - Accounting
 - Solve Mathematical Question
 - Sharing knowledge with friends

PERSONAL DETAILS

Name	:	Balvinder Singh
Father's Name	:	Mr. Satnam Singh
Date of Birth	:	Jan, 20.1991
Sex	:	Male
Marital Status	:	Single
Nationality	:	Indian
Religion	:	Sikh
Email	:	bsingh.cs@gmail.com
Mailing Address (Permanent)	:	H-107, Near Bhagat Singh Chowk, Sadul Shahr, Distt. (Sri Ganganagar)-335062, Rajasthan.

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

BALVINDER SINGH