Manjunath M S

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Date of Birth: August 13, 1981

MS/B.Tech with 3 + yrs experience in UNIX Kernel Internals, Datastructures, C/C++Programming, SAN setup/programming, systems programming, gtk programming, scripting. Excellent communication, negotiation and presentation skills.

Job Objective: Aspiring to acquire knowledge through Experience and Analyzing concepts. Strive for the growth of Organization I work for.
Total Years of Experience: 3+ years
Current Location: Bangalore.
Location Preference: No preference

Education
* **B.Tech** (*Computer Science*)   from **PES Institute of Technology** with an aggregate of **81.6 %.**
* **MS** (*Software Systems*) from **BITS, Pilani** with a cgpa of **7.1/10**.

IT Skills

Skill Type	Skill Name	Proficiency	Last Used	Years of Experience
Internals	Unix kernel internals	proficient	2005	3+
Tools/Others	SAN/NAS setup/programming.	proficient	2004	1.5+
Tools/Others	Clustering (openssi)	proficient	2004	1+
SCRIPTING	Shell/Perl Scripting	Proficient	2005	1.5
DATABASE	RDBMS.	beginner	2003	0.5
GUI	GTK/QT Programming	proficient	2004	2 +
LANGUAGE	C, /c++/data structures.	proficient	2005	3 +
NETWORK	Protocol stack.	proficient	2003	0.75 +
OS	Linux, HP-UX, Windows	proficient	2005	3 +
Product/technology	Documentum	Proficient	2006	0.2+
	Fibrechannel/SCSI	Proficient	2004	1
	Clusters	Proficient	2004	1.2
	Network Security	Proficient	2005	o.8

Work Experience

March 2006 – Present @ EMC Data storage systems, Bangalore.
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Job Profile: Devolvement and Maintenance of Content Server (Base layer of Documentum Product). Documentum is a set of products and services that work together, in varying combinations, to meet the content management needs of an enterprise.
Project overview:
Content Server is the foundation of Documentum's content management system. Content Server is the core functionality that allows users to create, capture, manage, deliver, and archive enterprise content.

Team size: 6. **Duration**: March'06 to Present. **Language, OS**: C/C++, java. windows/Unix Solaris.
Responsibilities: * Own the DMCL and Authentication modules and responsible for feature releases and case/bug fixing .

July 2005 – March2006 @ First Consulting Group India, Bangalore.
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Job Profile: Devolvement and Maintenance of Backup/Recovery Software (NetVault) on SAN/NAS for WINDOWS and UNIX flavours.
Project overview: NetVault is a Backup/Recovery Software developed by BaKBone Software (www.bakbone.com), uses NDMP as the base protocol. Has various plugins for different applications and purposes like SAP/R3, Oracle, disaster recovery etc

Project Title: NetVault
Team size: 12. **Duration**: July'05 to March'06. **Language, OS**: C/C++, windows/Linux Solaris.
Responsibilities: * Transitioning the product fully to ODC. * Lead the DR (Disaster Recovery module) Module. * Fixing the bugs and feature enhancements in DR and other plugin modules.

December 2004 – July 2005 at Solidcore Techsoft Systems India Pvt Ltd, Delhi.
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Job Profile: Solidcore is a network security **startup**.I was involved in the Devolvement of sever integrity suite on Linux and HP-UX Platforms.
Projects overview: Developing a Product which is based on the solidification Process, providing unsurpassed levels of server protection without the costly operational overhead associated with today's security solution. More details can be found at http://www.solidcore.com

1) Project Title: Server Solidifier 2.0
Team size: 2. **Duration**: March'05 to July'05. **Language, OS**: C, Linux, HP-UX
Responsibilities: *Porting of the existing kernel space and user space code to suse8.0 **Porting of the existing kernel space and user space code to HP-UX 11.23 * Resolving issues related to user/kernel space, packaging etc.

2) Project Title: Server Solidifier 1.0

Team size: 5. **Duration**: Dec'04 to March'05. **Language, OS**: C, Linux
Responsibilities: * Designed and Implemented logger module for the product * Designed and Implemented code authorization module framework, script code authorization module ,generic code authorization module* bug fixes in user/kernel space.

June 2003 - December 2004 at Hewlett Packard ISO, Bangalore.
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Job Profile: Development of Linux clusters, maintenance of fibre channel drivers.

1) **Project Title**: Single System Image Clusters, Industry Standard Servers LAB, Hewlett-Packard.
Team size: 6. **Duration**: June'03 to March'04.**Language, OS:** C, RH Linux (UNIX).
Project overview: SSI (single system image) cluster is the open source-clustering product targeted to provide a highly available SSI (Single System Image) environment for Linux. More details can be found at **http://www.openssi.org/**
Responsibilities: * Implementation of cluster wide system commands. * Owned the file system section of the code. * Development of a Resource manager for the cluster. * Ported NSC and other test suites to SSI. * Ported the keepalive and

spawndaemon utilities to SSI. * Wrote and owned manpages for SSI **Add-ons:** *
Demoed Open SSI at Linux Bangalore 2003. * Demoed Open SSI at GNUify 2004.

2) Project Title: Fibre Channel Driver Development and Maintenance, Systems
Networking and Interconnect LAB, Hewlett Packard.
Team size: 8 .**Duration**: April'04 to Dec 2004.**Language, OS:** C, HP-UX.
Project overview: The intention of the Fibre Channel (FC) is to develop
practical, inexpensive, yet expendable means of quickly transferring data
between mainframes, supercomputers and storage devices .The Drivers for the
activities through XL2 and Tachlite FC Controllers are owned and maintained.
Responsibilities: * Bug Fixing in Fibre Channel I/O Drivers * Design and
implementation of SAN Rings for Patch Qualifications. Owned the Test Rings. *
Write scripts to automate the tests. * Hazard log analysis and trace analysis of
the defects and corruptions. * Ported Cricket (A Open Source Tool to analyze SAN
Trends) for effective use in the Project.

January 2003 - May 2003 at IISC for Lucent Technologies
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Job Profile: Worked with the team at IISC in a RTP implementation project for
lucent technologies.

Project Title: RTP/RTCP Implementation, Indian Institute of science (IISC),
Bangalore.
Team size: 4.**Duration:** Feb'03 - June'03.**Language, OS:** C & GTK, Linux.
Project overview: Implementing real time protocol and the applying it to
transmission of voice and video over Internet with a GUI.
Responsibilities * Contributed towards analysis, design and development of the
module.* Developed the GUI using GTK.* Implemented the Function used in the
transfer of packets across the network.* Documented the work to a paper
presentation at IISC.

Other Projects as part of Academics
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Scroll Mouse Driver for RH Linux: Enable Scrolling of mouse in RH 7.1.
Mail Server: A Networking Utility to Exchange messages between Server and Clients.
Checkers Game: A Java Game Similar to chess game.
Election Database Management System: A database to maintain post election
statistics.
Graphics Editor: An editor similar to MS-Paint

Achievements/Extra Curricular Activities/Misc
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* Got Distinction Award in college for all 4 years in engineering.
* Represented Karnataka, University in Table tennis. Won HP the Overall Team
  Championships twice in the ventures intercorporate TT Tourney.
* Part of the Teaching Assistance Program at college.
* Brown Belt in Karate.
* Hobbies: Philately, Badminton, Cricket, Reading Novels.
* Posses 10 yrs business visa to United States (Valid till 2014).

Reference will be provided on Request, IF Required.