

Organization : MNC

Designation : Programmer Analyst

SKILLS SUMMARY

More than 3.6 years of experience in Information Technology. Has experience in J2EE technologies like Java, EJB, JSP, Struts, DB2 and also worked in LAMP technologies like Linux, Apache, Mysql and PHP and Linux Mail Servers.

EXPERIENCE

DFS (Application Maintenance and Production Support) 06/06-03/07
Developer

- Worked as a developer in Enhancements for DFS applications like PAXTRAX, designed and implemented application modules.
- Automated Daily Travel Agent check for Support team.
- The major technologies used in this application were **JAVA, Struts, JSP, DB2 and EJB.**

DFS.COM (Development) 03/07-05/08
Developer and Researcher

- Involved in requirement analysis, design and coding, testing and implementation of DFS.COM Online Shopping Cart Application and Content Management System.
- Worked as PHP Developer and Implemented C programs to check Mysql performance testing for DFS.COM
- Integrated PHP with Shell Programming and Java to implement Unicode support for the application.
- Configured Linux Sendmail Server for DFS.COM.
- This application developed using **Linux, Apache, Mysql, C, Java, PHP, Bash Shell, Drupal.**

Block Buster (Application Maintenance and Production Support) 05/08-08/08
Developer

- Took over the full responsibility of Setting up Offshore Development Linux Server.
- Implemented Source Code documentation tool Doxygen for the application.
- The technologies used during this project were **Linux, Java, Shell Programming and Oracle.**

Wal-Mart (Application Maintenance and Production Support)
08/08-03/09

Developer

- Took over the full responsibility of Solving issues related to Store operations.
- The technologies used during this project were **IBM/HP UNIX, Linux, C, and Informix.**

Open Source CoE from
04/09

- Installed, Configured OpenQRM, a Cloud Management tool for multiple Virtualization technologies.

PROFICIENCY

Programming Languages / Databases/Tools

C,Java,Linux/Unix Shell Programming,mysql,GDB,Strace,gprof.

EDUCATION

Master of Computer Applications from Bishop Heber College (Bharathidhasan University), Trichy, India.

Bachelor of Science - Computer Science from Bharathiyar University, India.

Community : Open Source

Designation : Open Source Programmer

SUMMARY

Winner of FOSS India (Linux Asia) Awards. More than 6 years of experience in Linux. Has experience C System calls, Linux Inter process communications (IPC Semaphore, Shared memory, Messages queues and Pipes), Socket programming and Linux Kernel module programming. Gained sound knowledge in ext3 recovery process. Analyzed various file system gathered (still gathering) skills on this area. In-depth knowledge on Linux Boot process .Peeked into source code of boot loaders. Created Two Linux Custom Distributions (yet to be released) known as Lak-1 and Lak-2.Lak-1 comes with 600MB where as Lak-2 comes with 4.9MB size. Active member of www.linuxforums.org.

System administration activities like LVM, NFS setup, Installation of packages, resolving library issues, dependency hell etc.

OPEN SOURCE PROJECTS

giis (more or less stable ☺)

Programmer and Researcher

- Ext2/ext3 undelete tool.
- Achieves meta data uses them to recover files.

ext3carve (Development - Unstable)

Programmer and Researcher

- Semantic File Carving tool which recovers gif,jpeg,MS-Word,png,html,java and even MP3 files less than 48KB, if default block size=4kb. Identifying and recovering files based on analysis of file format. This project uses really different concept to recover files. In simple terms, it scans the free area (free bitmap) for magic signatures and if found it marks those (bitmap) address as used and links the contents to a file name.
- It's one of my favorite project, need to be updated with new kernel versions.

ext3hide (New concept needs to be implemented for this)

Programmer and Researcher

- A dangerous ext3 file hiding tool. With this user can hide their files in the ext3 file system. It hides your file and not directories.

Mini-Read only File system

Created an educational purpose read only file system with complete documents.

PROFICIENCY

Programming Languages / Databases/Tools

C,GTK+,Glade, Bash Shell Programming,mysql,sqlite,GDB,strace,gprof,Doxygen.

CERTIFICATION

None, probably never. I would prefer writing a tool rather than spending time in reading a question paper dump.
