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Resume

Experience Summary

Around 5 years experience in IT industry, out of which 3 years experience in software design, development and maintenance. The work experience is at different levels such as Sr. developer, Programmer/Analyst, and Programmer. The development experience range from web based systems, client/server applications and stand-alone applications in Core Java on windows and Linux platform supported by various scripting languages like Perl, PHP, shell scripts and JavaScript. Well versed with Linux and related open source technologies. Very fluent with Object oriented analysis and design. Well aware of frameworks and methodologies like 'Extreme Programming' and CMM. Extremely good analytical and problem solving skills backed by excellent communication and documentation skills.

Skills

Hardware platform

Pentium workstations

Operating systems

Linux (installation/configuration/administration), Windows 98/ NT 4.0 / 2000 Professional, SCO-Unix

Databases

MySQL, MS Access

Languages

Java, VC++, C, Perl, XML, HTML

Scripting/Glue languages

PHP, JavaScript, shell scripts, ASP

Tools/Software

MS FrontPage 2000, MS Visual Studio 6.0, JBuilder, Adobe Photoshop 6.0

API's

Java Drag-n-Drop API, JDBC, SAX (XML Parser), DOM XML (GNU XML Parser), UCD-SNMP

Methodologies/Framework

OOAD, SSAD, Extreme programming, CMM

Internet related technologies

IIS 4.0, Apache web server, MS Remote scripting, DNS

Project Experience

From: Feb 2002 to Mar 2002 (Seagull Information Systems Pvt. Ltd.)

System: Relevance based Search engine

Client: ITS Corp, USA

Brief profile:

The objective was to develop a search facility that can parse the HTML documents in specific directories. The parse HTML data would be searched for keywords selected by user. Searching the keywords in document Title, META tags and body contents achieved relevance in the search results after stripping all HTML tags.

Role & Contributions:

Lead Developer & designer.

Developing PERL scripts to search the file using REGEXP and PERL modules efficiently handling the data

Environment:

Linux, Apache, PERL 5.06, HTML

From: Dec 2001 to Feb 2002 (Seagull Information Systems Pvt. Ltd.)

System: Objective Multimedia Question

Client: Product of SISPL

Brief profile:

SISPL has a set of Knowledge Management products, which includes Online Multimedia Test. The layout of the test is fixed. The objective was to produce multimedia question with dynamic layout. The Objective Multimedia Question tool was developed to assist the content developer to create layout of question in Pre / Post evaluation and Explanation mode. XML was used for object persistence and final build. The XML output of the tool was uploaded with the multimedia resources to the Online Interactive server delivering the tests online.

Role & Contributions:

Lead developer & designer.

Requirements, and design documentation. OMQ Application development, Library of reusable components (Layout pad, Page, Multimedia controls, Grid control) for building similar applications

Environment:

J2SE v1.3, JBuilder, Windows NT 4.0 / 98

From: Oct 2001 to Dec 2001 (Seagull Information Systems Pvt. Ltd.)

System: Container of Document (COD)

Client: Product of SISPL (Prototype development for PacifiCorp, US)

Brief profile:

The client had a requirement for a web based document management system. The document management system should let the administrator create a tree of documents available department wise. Organization would be at the root node of the document tree and nodes representing different departments. The administrator can create a tree under department nodes up to eight levels and linking those nodes to documents. The document tree was stored in a database on Linux server and rendered on client PC's through a browser using server and client side scripting. The document tree had a windows explorer like look and feel.

The system used HTTP authentication for administrator of document tree.

Role & Contributions:

Lead developer & designer.

Requirements, and design documentation. Database design, Server and client side scripting, Apache web server configuration for HTTP authentication

Environment:

Linux RedHat 7.1, Apache 1.3.14, MySQL server, PHP 4.05, JavaScript

From: Jul 2001 to Oct 2001 (Seagull Information Systems Pvt. Ltd.)

System: Tree Builder

Client: Product of SISPL

Brief profile:

SISPL delivers knowledge management and testing tools. The company has several products like drag-n-drop tests, simulations, online tests etc. The outputs of these tools are browser based and which can be rendered through Internet. Combining and sequencing the outputs of these tools can create a course or training material. The objective was to create a tool, which will read the output of these tools and build a navigation tree out of it. The navigation tree will have the output of these tools associated with its nodes. The tree nodes can be arranged in such a way that a sensible course or training material can be created and delivered through Internet.

Role & Contributions:

Lead developer & designer.

Requirements, and design documentation. Developing client side Core Java application supported by server side scripts.

Environment:

J2SE v1.3, Java Drag N Drop API, JavaScript

From: Mar 2001 to Jul 2001 (Seagull Information Systems Pvt. Ltd.)

System: Scenario Modeler

Client: Product of SISPL

Brief profile:

Scenario modeler is one of the content building tools in the knowledge management and testing product suite. The objective in developing the Scenario Modeler was to create a tool that will let the content builder create Power point like slide presentation, which can be delivered through Internet. The user through a browser takes the presentation sequentially. The presentation can contain text, audio, video and other multimedia components in streaming format.

Role & Contributions:

Lead developer & designer.

Requirements, and design documentation. Designing and developing of client side tool using Core Java supported by JavaScript.

Environment:

Windows NT/98, J2SE v1.3, Swing Tree component and JavaScript.

From: Jan 2001 to Mar 2001 (Seagull Information Systems Pvt. Ltd.)

System: Yank-N-Put

Client: Product of SISPL

Brief profile:

Yank-N-Put is one of the content building tools in the knowledge management and testing product suite. The objective in developing Yank-N-Put was to create a tool that will let the content builder create drag-n-drop tests, which can be rendered through a browser.

Role & Contributions:

Lead developer & designer.

Requirements, and design documentation Designing and developing of client side tool using Core Java supported by JavaScript.

Environment:

Windows NT/98, J2SE v1.3 and JavaScript.

From: Nov 2000 to Dec 2000 (Seagull Information Systems Pvt. Ltd.)

System: Shop cart

Client: Product of SISPL

Brief profile:

Seagull has created Document Publishing and Management tools for Hindi and Marathi language. (With some modification it can be used for other regional languages). The tool can prepare content in these languages, which can be hosted online. The tool can associate multimedia sessions with the content. E.g., if the tool is used to host poems in either language then the same poem can be delivered through net using Active Streaming Format (ASF) as the user is going through the contents of that poem. The shopping cart module was developed for letting the site visitors buy the contents of their choice.

The shopping cart was developed as a component, such that it can fit any other system as well, with minor modification in the configuration files. The shop cart allowed the user to view and update the wish list, delete the cart, confirm the order with his preferences.

Role & Contributions:

Lead developer & designer.

Requirements, and design documentation. Design and development of server side scripts for managing session, wish list, preferences for end user and administrative module for shop cart administrator, which will let the admin view, update and delete orders and create history of successful orders.

Environment:

Linux RedHat 7.1, MySQL 3.x, PHP 4

From: Oct 2000 to Nov 2000 (Seagull Information Systems Pvt. Ltd.)

System: Client Side Search Engine

Client: Product of SISPL

Brief profile:

The requirement was to develop a tool that will search through directories on client PC and find the files containing the keywords specified by user. The keyword/s chosen by the user should be highlighted (Optionally).

Role & Contributions:

Lead developer & designer.

Finding files matching keywords specified by the user, using a Java applet. Signing the applet with valid certificate for gaining access to file system.

Environment:

JDK 1.2, Regular Expressions, JavaScript.

From: Nov 1999 to Oct 2000 (Seagull Information Systems Pvt. Ltd.)

System: EZGuru Knowledge Distribution Projects

Client: EZGuru Inc, USA

Brief profile:

The project was integrated suite of tools used in knowledge distribution in terms of courses, lessons, various types of tests to assess the knowledge.

Role & Contributions:

Programmer/ Analyst.

Writing /reviewing requirements and design documents. Developing Core Java applications and applets Design and developing UI Framework. Integrating Java applets, Scripts (PHP/Jscript), HTML to form web applications. Building test cases / Integration testing. Integrating new technologies in project

Environment:

Linux, Win NT, Java, SWING, Java Drag-n-Drop API, OOPS, JSDK, PHP4, JavaScript, ASP, HTML/DHTML, XML.

From: Nov 1998 to Oct 1999

Worked as Freelancer

Brief profile:

- Installing and setting up Linux machines as ISP servers, Mail servers and Web server
- To deliver intranet solutions using Linux
- To configure Linux to run specific applications and modules
- Designing and developing unique web sites
- Services as web content manager
- Conducting training sessions on topics like “Web Data connectivity on Linux” and “Web content development and Management” and “Setting up web policies”

Environment:

Java, HTML/DHTML, JavaScript, PHP3, Linux, ASP, and Adobe PhotoShop 5.0

From: Feb 1998 to Nov1998 (Weikfield InfonetWORKS Mnemonix Pvt. Ltd.)

Webmaster

Brief profile:

- Interacting with customers to finds their web requirements and guiding the web designers accordingly
- Using HTML/ DHTML to make sites livelier
- Online site promotion in search engines
- Performing quality checks on web sites
- Developing intranet applications (using MySQL, PHP on Linux and MS Access on Win NT)
- Administrating US based web servers. Installing different services and modules on Linux servers and configure them.
- Installing Linux on customer’s site and training them for administrating it

Environment:

Linux Administration, HTML/DHTML, JavaScript, Perl, CGI, PHP3, MySQL, MS FrontPage, MS Access, Win NT, Networking equipment

From: Apr 1997 to Feb 1998 (Weikfield Infonetworks Mnemonix Pvt. Ltd.)

Technical Support Engineer

Brief profile:

- **Trouble shoot network center problems**
- **Tuning the network for better performance**
- **Updating the configurations**
- **Interacting and managing a customer base of 700 users and provide them onsite and telephonic support**

Environment:

Linux Administration, HTML/DHTML, JavaScript, Perl, CGI, PHP3, MySQL, MS FrontPage, MS Access, Win NT, Networking equipment

Educational Qualifications

- **Diploma in Industrial Electronics, 63% from Y.B. Patil Polytechnic, Pune**
- **Appeared for B.E. (Comp) exam**