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 Fremont, 94555, California, US

**OBJECTIVE**

Design Engineer, Java Software Engineer, Test Engineer, Application developer, Developer, Engineer, Consultant, Web designer and developer, Maintenance Engineer

**WORK EXPERIENCE**

Senior Design Engineer

January 2006 - June 2008

GE Healthcare and GE Medical Systems | Bengaluru, Karnataka, India

Healthcare Services

• Understanding the requirement and interface provided by the clients.   
• Responsible for design Message framework using Rational Rose   
• Actively learnt HL7v 3.0 and developed a full – fedged component on HL7 (Health Level Standard).   
• Developed a prototype using Java APIs like JAXP, JAXB, XMLSpy   
• Tested the tools on application servers like Orion and Tomcat   
• Upgraded from Axis Beta to Axis 1.4 on the Application Server and client.   
• Integrated the authentication model of PACS to JAAS framework.   
• Upgraded a system from Mergecom 2.6.6 to Mergecom 2.6.8   
• Measured performance using Rational Purifier   
• Used different test tools like MTH and OMVT provided by client to test the client.   
• Developed test cases and subsequently unit testing of the modules implemented.   
• Used ANT to rebuild code of xerces jar.   
  
Centricity-2-Centricity Component: C2C is a component, which uses web services framework provided by Sun to send medical images or examination from one Centricity application to another.   
  
Responsibilities / Achievements:   
• Learnt about the vast client based applications and architecture of PACs through training and self-learning.   
• Fixed subsequent number of bugs, sufficient to understand the product, domain and design of the sub system.   
• Platform: Client – server model on Solaris and UNIX platforms. Java on J2EE and C used as languages.

Software Engineer

December 2003 - January 2006

Datacard softwares India Pvt Ltd | Bengaluru, Karnataka, India

Computer Software

Syntera: Syntera is a Card Issuance Application, enterprise software to create a repository and to print the secure cards at high speed. Syntera has numerous GUIs to help user customize data and the design of the card.Responsibilities / Achievements: Front–end developer of Performance critical IPS component.   
• Designed and developed numerous GUI using Core Java, Swing.   
• Efficiently re-factored the IPS component.   
• Developed toggle between two windows using JNI.   
• Dealt with major issues with Swing and multithreading.   
• Created numerous prototypes.   
• Effectively used Singleton, Observer design patterns to code.   
• Successfully solved memory issues and performance issues.   
• Participated in performance testing and analyzing performance of the IPS component.   
• Measured performance using JPurifier.   
• Effectively followed QSI rules for quality management.   
Platform: Server- client model. Clients - OS2 system, Server – Windows 2000/2003 server. Syntera is distributed software – server client model that will deal with high performance and high volume of products – around 2 million cards in the database. Oracle supports as backend and CORBA deals with the interfacing. XML is also used to cache details when required.   
  
Maxsys: Maxsys, like Syntera is also a Card Issuance System, but a stand-alone system.   
Responsibilities / Achievements: Front –end developer – individual contributor of Design Card Component.   
• Actively worked as a front-end developer with Core Java, Swing   
• Dealt with internationalization of the application.   
• Used XML as a cache for the intermittent data.   
Platform: Java technologies on Windows platform, Core Java, Swing, XML, CORBA, DB2

Project Trainee

August 2002 - December 2003

Central Food Technological Research Institute (CFTRI) | Mysore, Karnataka, India -560100

Government and Military

Responsibilities / Achievements:   
• Created web pages with search option, some with frames and forms, some with database access, some with mail function incorporated to send email notification. Have created numerous web pages, which require designing and developmental skills.   
• Maintained an Internet based Library Management System – developed with PHP and MySQL.   
• Developed a network monitor system, which would monitor the systems for any network problems.   
Platform: Used PHP, HTML, JavaScript to develop and maintain some Web applications. Actively used tools like Xara Webstyle 3, Photoshop and Flash for web designing. Web related files were hosted on UNIX platform.

Final Year project

February 2001 - June 2001

Union Pacific Corporation(US Company) | Offsite location - Mysore, Karnataka, India

Construction - Industrial Facilities and Infrastructure

The result of the project was digital certificates created for users in a company environment on a large scale.   
Responsibilities / Achievements: Part of all components of the product.   
• Successfully learnt the Security Interface provided by the company.   
• Developed a GUI with Java Swing, created certificates through Java-Security API and Entrust toolkit provided by the company.   
• The project helped us to learn Java and the use of Public Key Encryption (PKI).   
Platform: Windows 98 platform.

**EDUCATION**

**Bachelors of Engineering ( Computer Science and Engineering)** | Mysore, Karnataka, India

June 1997 - September 2001

**COURSES**

The Presidium, Mysore, Karnataka, India: Web design and development

Ohlone College, Fremont, USA:

* + Java
  + Web development: Javascript, HTML,CSS,
  + Graphic Design,
  + Linux and Perl

**SKILLS**

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| --- | --- |
| XML | Intermediate |
| Frontpage 2000, Clearcase, WinCVS, PVCS Tracker, F | Intermediate |
| Rational Rose (UML) | Beginner |
| PL/SQL | Intermediate |
| Javascript, PHP, HTML | Intermediate |
| WSDL,EbXML, SOAP | Beginner |
| Microsoft Windows | Intermediate |
| Linux, UNIX and Solaris | Intermediate |
| Sybase, SQL Server 2000, Oracle | Beginner |
| JAXB, JAXM, JNI, JAXP | Beginner |
| Java | Expert |
| Swing | Intermediate |
| Orion, Tomcat | Intermediate |

**References:** Available from companies I have worked for and also from lecturers. When requested, I will provide the details.