CURRICULUM VITAE

Name : K.Ammulu

Educational Qualification : B.Tech (CSE) , M.Tech (CSE), (Ph.D).

Teaching & Industrial Experience :

- Working as Associate Professor in the Dept of Computer Science, Dravidian University, Kuppam from Oct 2010 to till now.
- Presently acting as Head i/c to the Dept of Computer Science.
- Worked as Assistant Professor in the Dept of Computer Science**, Dravidian University, Kuppam,** from Apr 2009 to Sept 2010.
- Worked as **Associate Consultant** in **Satyam Computer Services Ltd., Bangalore** from Mar 2006 to 2009**.**
- Worked as **Assistant Professor** in Dept of Computer Science and Engineering in **Holy Mary Institute of Technology & Science** Hyd., from June 2005 to March 2006.
- Worked as **Assistant Professor** in Dept of Computer Science and Engineering in **R.R.S. College of Engineering and Technology, Hyd.,** from June 2004 to May 2005
- Worked as **Software Engineer** in **VNS Infotech Pvt Ltd.**, Hyderabad from June 2001 to Sept 2002.

SUBJECTS TAUGHT:

- Object Oriented Programming through JAVA, Object Oriented Analysis and Design, Data Warehousing and Data Mining, Data Structures through C, Data Structures through C++, Operating Systems, Computer Organization, Web Technology, UML, Image Processing, Assembly Language Programming etc.

Academic Committees :

1. Member in Ragging committee – 2010 – 2011.
2. As a member to the Board of Examiners for 2011 – 2012 Examinations, Bangalore University, Bangalore.
3. As Ex-Officio Member of the Board of Studies in Dept. of Computer Science, DU, Kuppam.
4. As a member in Policy Research Cell "Call for Expression of Interest (EOI) for initiation of a Research Centre.
5. As a member in Allocation of XII Plan grants submission of Item-wise Re- re-priorities to UGC.
6. As a member in DURCET – 2013.
7. Worked as Head i/c, Dept of Mathematics & Statistics, DU, Kuppam.

Conferences, Seminars, Workshops And Symposium:

1. A National Level Technical Symposium "Orien 10" , Paper on "A Novel and Adaptive Algorithm for Image Segmentation" JNTUH, Hyderabad
2. National Conference on Advanced Computing

Applications on 20th – 21st February 2013, title is " A Coherent Model for Information Extraction", S.V.University, Tirupathi.

3. Attended " National Workshop on Cloud Computing & its Application", 20th - 21st February 2013, S.V.University, Tirupathi.
4. Three day Workshop on " Advanced Trends in Image Processing and its Applications", 18th – 20th July 2013, R.V.Engineering College, Bangalore.
5. Three days Workshop on " Knowledge and Management Data Analysis for Real World Applications" 22nd–24th July 2013, R.V.Engineering College, Bangalore.
6. A National Conference on Advanced Computing And Pattern Recognition – 2014, " An Intelligent Agent for Web Navigation created using Data Mining Techniques".
6. A one day Pre-Conference workshop attended On Advanced Computing and Pattern Recognition – 2014, JNTUH, Karimnagar.

Technical Profile :

- **Java Technologies** **:** JAVA C, C++.
- **Framework** **:** Struts, Spring.
- **Web Servers** **:** Tomcat 5.5.
- **Application Server** **:** BEA Web Logic 9.x., JBoss 3.2.3.
- **Web Technologies** **:** JDBC, Servlets, JSP, HTML, XML.
- **Business Objects** **:** EJB, Hibernate.
- **Operating Systems** **:** MS-Dos, Windows 98/2000, XP.

- **Databases** **:** Oracle.
- **Tools** : Eclipse 3.3
  IBM web sphere Application Developer(5.1.2),
  IBM Rational Application Developer (6.0),EditPlus.

Projects done in the Industry :

Project #5

Project Name : CLARIS

Application Server : IBM Rational Application Developer

Environment : JAVA, STRUTS, HIBERNATE,SPRING.

Project Description

CLARIS is a highly functional Fund allocation and Management System developed for CITCO Fund Services for Industry's leading Administrators, Hedge Fund Managers and Accounting Firms to provide straight-through Management, Tax Allocations and Transactions.

Contribution

- has involved in requirement analysis
- Involved in coding.
- Involved in code reviews, functional checks

Project #4

Project Name : NEXTGEN.

Application Server : IBM Rational Application Developer

Environment : JAVA, STRUTS, HIBERNATE, SPRING, ORACLE.

Project Description

The Citco Group is an international group of independent financial services companies offering a unique combination of services to protect, preserve, and enhance the assets of individuals, companies and institutions worldwide. The Company is an entity that enables the order processing and transactions placed by the client. There are various layers in the concept of placement and execution of orders placed by the client through CITCO. There are different company categories and their subsequent types which play an important role

in the whole process of the execution of the transaction order placed by the client. All the companies created and stored in the NextGen application need to fall under any of the following categories. Each category may have its own set of company types.

Firm, Service Provider, Service Company, Branch, Nominee Company, Client Company, Trading Company

The functionalities provided in this module are:

Search/Add a Company (Client and Trading Company).
Since, these will be done on a frequent basis.
Search/Add Other Company (Service Provider, Service Company, Branch, Nominee Company).
Since, these will not be added on a frequent basis, but they are created on a One-time basis.
View/Edit Company

Contribution

- Was involved in Front-end screens using Struts
- Involved in code reviews, functional checks
- Developed Action classes for Company module.
- Prepared test cases for the module developed.

Project #3

Project Name : WAP enabling of Walletwatch.com.

Application Server : IBM Web sphere Application Developer (5.1.2).

Environment : Java, JSP, Servlets, WML,Oracle.

Project Description

Satyam Infoway is one of the leading ISP provider in India, Which is capable of producing stock services through walletwatch.com. The site Walletwatch.com is being converted to the Wap enabled site. In the process, a request would be sent through mobile phone that will invoke the Servlet in the webserver and webserver inturn will fetch the required data from Internet and some data from a database, which is on another remote machine. The data on that remote machine is fetched through socket programming in the webserver and sends back the response to SMS server that in turn sends to customer.

Servlets will invoke the required .JSP file of the corresponding site and in turn it will throw the corresponding html file. This html file is retrieved, read and all values in it that are required are retrieved through Servlet. Those sites where data changes dynamically, information in html file is directly thrown on the wap phone and those sites where information remains constant, data is first written over wml file and then that wml file is thrown over wap phone. Satyam Infoway is one of the leading ISP provider in India,

which is capable of producing stock services through walletwatch.com. The site Walletwatch.com is being converted to the wap enabled site. In the process a request would be sent through mobile phone, which will invoke the servlet in the Webserver, and webserver inturn will fetch the required data from Internet and some data from a database, which is on another remote machine. The data on that remote machine is fetched through socket programming in the webserver and sends back the response to SMS server, which in turn sends to customer.

Contribution

- Involved in the understanding the requirements
- Developed web pages as per requirements specified by the client.
- Involved in code reviews checks as per the standards circulated by our PM
- Implemented the application as per the architecture specified by the client.

Project #2

Project Name : MARS.

Application Server : IBM Rational Application Developer

Environment : JAVA, STRUTS, ORACLE.

Project Description

The Citco Group is an international group of independent financial services companies offering a unique combination of services to protect, preserve, and enhance the assets of individuals, companies and institutions worldwide. The Company is an entity that enables the order processing and transactions placed by the client. There are various layers in the concept of placement and execution of orders placed by the client through CITCO. There are different company categories and their subsequent types which play an important role in the whole process of the execution of the transaction order placed by the client. All the companies created and stored in the NextGen application need to fall under any of the following categories. Each category may have its own set of company types.

Firm, Service Provider, Service Company, Branch, Nominee Company, Client Company, Trading Company

The functionalities provided in this module are:

Search/Add a Company (Client and Trading Company).
Since, these will be done on a frequent basis.
Search/Add Other Company (Service Provider, Service Company, Branch, Nominee Company).
Since, these will not be added on a frequent basis, but they are created on a One-time basis.
View/Edit Company

Contribution

- Understanding the Requirements.
- Designed Flexible HTML Look and Feel used them for JSP creation.
- Coding & Unit Testing.
- Understanding & Incorporating the Change Requests

Project #1

Project Name : Web Commerce.

Application Server : BEA Web Logic 9.x.

Architecture : MVC

Environment : JSP, Servlets, JavaScript, HTML, Oracle.

Project Description

Web Commerce is primarily developed with the intent of facilitating a reputed company, Which has many vendors at different places and dealing with many customers to overcome a lot of manual work involved in its transactions. This software system enables the company to have fast, efficient and reliable interaction both internally and externally.

Contribution

- Understanding the Requirements.
- Designed Flexible HTML Look and Feel used them for JSP creation.
- Coding & Unit Testing.
- Understanding & Incorporating the Change Requests

(**K.AMMULU**)