

Curriculum Vitae

Personal Details:

Name: Dr. M. Bhanu Sridhar

Father's Name: Late Prof. Dr. M. S. R. Anjaneyulu (Dept. of History, AU)

Date of Birth: 09-05-1975

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Visakhapatnam – 530022

Educational Qualifications:

Course	Institute	Subject Specialization	Year of Completion
Ph. D	JNT University Kakinada, Kakinada	Software Engineering	2014
M. Tech	Andhra University College of Engineering, Visakhapatnam	Computer Science & Technology	1998
B. E	Andhra University College of Engineering, Visakhapatnam	Civil Environmental Engineering	1996

Technical Background:

Operating Systems	Linux, Windows, Android, iOS
Programming Languages	.NET, Java SE/EE, C, C++
Databases	Oracle, MySQL, DB2, MS-Access, MS SQL Server
Testing Tools	Win Runner, Test Director, Load Runner, Silk Test, QTP, JMeter
Others	HTML, JavaScript, XML, Developer 2000, Pascal, FORTRAN 77, Data Mining Tools

Ratification:

Ratified as Associate Professor in the Department of CSE, GVP College of Engineering for Women, Visakhapatnam in September, 2016. (Lr.No. JNTUK/Registrar's Peshi/Ratified Principals & Faculty/2016; Date: 19-09-2016.)

Teaching Experience:

- Associate Professor, Dept. of CSE & IT, GVP College of Engineering for Women, from March 2015 till date.
- Assistant Professor, Dept. of CSE & IT, GVP College of Engineering for Women, from June 2014 to February 2015.
- Associate Professor, Dept. of CSE, Raghu Engineering College, from February 2010 to May 2014.
- Assistant Professor, Dept. of CSE, Raghu Engineering College, from August 2007 to February 2010.

Subjects Taught:

Software Testing, Data Warehousing and Data Mining, C Programming, Principles of Programming Languages, Web Technologies, Computer Networks, FLAT, OOPS, Software Engineering, DBMS.

Courses Taught:

B. Tech, M. Tech.

Projects Handled:

B. Tech – 35, M. Tech – 2

Industrial Experience (1999 – 2006):

- Software Testing (free-lance), Manual and Automated
- Software Engineer, Will Dell Informatics, Vizag
- Software Engineer, Ram Info, Vizag
- Software Engineer, SK Computers, Vizag

Software Developed:**• STUDENT ADMINISTRATION SYSTEM**

This is a comprehensive client-server application, with features that include Attendance Details, Fee Collection, Hostel Details, and Weekly Tests. The application can integrate all the branches of the client. The software preferred was VB, Oracle, Crystal reports.

• STUDENT ADDRESS MAINTANENCE

This is for storing the personal details of the students who are and were part of the educational institute concerned. Data received from elsewhere in MS-Excel or in FoxPro or in MS-Access can be adjusted into the database tables, which are in Oracle. The software comprises of 5 screens and 10 reports. Here, VB, Oracle and Crystal Reports were used.

• COURSE SCHEDULING

This is an immensely useful application to educational institutions, with features that include course details, faculties concerned, subjects, scheduled dates of classes, class taken dates,

comments of institute head etc. The application can generate the course schedule with all the important details that can be modified on requirement.

- **ON-LINE SHOPPING**

This project is for developing a web site for on-line shopping, which contains all facilities that a shopping site could offer. It uses JSP, JDBC, HTML and Oracle8. The site registers a user on his first visit, directs to an attractive home page, encourages him to take a quick tour to get an idea on the offered services and most importantly, provides the shopping cart for shopping required items. It also generates bills, takes in the card numbers and contacts with the banks to bring out the printout of the payments.

- **BANKING SERVICES**

This package offers all bank services like depositing, loans, transactions like DD, cheques etc. and many more that a bank would perform, on Internet. It was designed on BEA Web logic Server using EJB, Servlets and Beans. Database was stored in Oracle8.

Achievements:

1. SUN CERTIFIED JAVA PROGRAMMER (SCJP), October 10, 2000.
2. Scored 94.48 percentile in GATE 1996 and obtained scholarship (stipend).

Memberships:

1. Member of International Accreditation Council of Quality Education and Research (IACQER).
2. Member of Computer Science Teachers Association (CSTA).
3. Member of International Association of Computer Science & Information Technology (IACSIT).
4. Member of International Association of Engineers (IAENG Member No: 149239).
5. Member of Institution of Research Engineers and Doctors (IREDD).
6. Computer Society of India (CSI).

Conferences/Workshops:

1. Participated in Computer Society of India (CSI) Workshop on Testing in Dec. 2006.
2. Participated in Mission10X Workshop organised by WIPRO at GITAM University (19-23 May, 2008) and received Dale Carnegie Certificate.
3. Participated in 'Teaching Methodology' organised by National Institute of Technical Teachers Training and Research, in November 2009 and received NITTTR certificate.
4. Participated in 'International Conference on Nano Technology and Bio-Sensors' (ICNB 2010, Jan 20-21) at Raghu Engineering College.

5. Participated in a workshop on 'Distributed Database Systems' organised by Andhra University College of Engineering in March 9th 2010.
6. Participated in a workshop on 'Data Engineering' organised by Andhra University College of Engineering in March 26th 2010.
7. Participated in a one-week workshop on 'Big Data and Cloud Computing' at JNTUK University Engineering College, Vizianagaram in January 2015.
8. Participated in a two day 'International Conference on Recent Trends and Research Issues in Computer Science and Engineering (ICRTRICSE-2015)' at Andhra University Engineering College, Visakhapatnam in May 2015.
9. Participated in a three day 'International Conference on Artificial Intelligence, Robotics and Embedded Systems (AIRES-2015)' at Andhra University Engineering College, Visakhapatnam in October 2015.
10. Participated in a One Week Faculty Development Program 'Design of Software Metrics for Effective Software Refactoring' at GVP College of Engineering (A), Visakhapatnam from 29-Dec 2015 through 02-Jan-2016.
11. Participated in a 3 day Faculty Development Program (FDP) on 'Big Data and Hadoop' at GVP College of Engineering for Women from 26-Feb-2016 through 28-Feb-2016.
12. Participated in a One Week Faculty Development Program (FDP) on 'Data Warehousing and Business Intelligence', organised by Electronics and ICT Academy – NIT Warangal at GVP College of Engineering (A), Visakhapatnam from 19-Sep-2016 through 24-Sep-2016.
13. Participated in a 3 day FDP on 'Big Data Analytics' at GVP College of Engineering (A), organised by Tata consultancy Services in Visakhapatnam from 9-Aug-2017 through 12-Aug-2017.
14. Participated in one week FDP on 'Data Analytics with R' at GVP College of Engineering for Women, Visakhapatnam, from 13-11-2017 to 17-11-2017.
15. Participated in a 3 day workshop on 'Biological Inspired Computing & Applications' at GVP College of Engineering for Women from 09-03-2018 to 11-03-2018.
16. Participated in a 3 day workshop on 'Workshop on Cryptology and Cyber Security' at GVP College of Engineering for Women from 22-Mar-2018 through 24-Mar-2018.

Conferences Organised:

1. Worked as a member of the organising committee for International Conference on Nano Technology and Bio-Sensors (ICNB) from 27-Dec-2011 through 28-Dec-2011.
2. Coordinator for a 3 day Faculty Development Program (FDP) on 'Big Data and Hadoop' at GVP College of Engineering for Women from 26-Feb-2016 through 28-Feb-2016.
3. Participated and chaired two sessions in the SCI-Springer Conference at ANITS (A) College on Mar 3-4, 2017.
4. Coordinator for the 3 day workshop on 'Workshop on Cryptology and Cyber Security' at GVP College of Engineering for Women from 22-Mar-2018 through 24-Mar-2018.

Conference Papers:

1. M. Bhanu Sridhar and M. Kamalakar, A Study of the Application of Artificial Neural Networks in Data Mining, International Conference on Nano Technology and Bio-Sensors, 2010 January 20-21, Raghu Engineering College, Visakhapatnam.
2. Nanda Kumar Lakoju, Sateesh Gudla and Bhanu Sridhar Mantravadi, AVR-USB Data Acquisition, IEEE International Conference on Electronics Computer Technology- ICECT 2011 April, Kanyakumari.
3. Ch. Rakesh, D.N.D. Harini, M. Bhanu Sridhar, An Empirical Analysis of Classification Algorithms for Medical Data, International Conference on Artificial Intelligence, Robotics and Embedded Systems (AIRES-2015), October 15-17, 2015, Visakhapatnam.

Journal Papers:

1. M. Bhanu Sridhar, Y. Srinivas and MHM. Krishna Prasad, "Software Reuse in Cardiology Related Medical Database using K-Means Clustering Technique", Journal of Software Engineering and Applications, 25 September 2012, Vol. 5, No. 9.
2. M. Bhanu Sridhar, Y. Srinivas, MHM. Krishna Prasad, "Software Reuse in Medical Database for Cardiac Patients Using Pearson Family Equations", International Journal of Computer Applications (0975 – 8887), Volume 58– No.14, November 2012.
3. M. Bhanu Sridhar, Y. Srinivas, MHM. Krishna Prasad, "Software Reuse in Medical Database - A Comparison of the Application of K-Means Algorithm and Pearson Family Equations", Journal of Software Engineering and Technology, Volume 4–No. 2, July-December 2012, pp. 67-73.

4. M. Bhanu Sridhar, Y. Srinivas, MHM. Krishna Prasad, "Software Reuse in Paralysis Dataset based on Categorical clustering and Pearson distribution", Journal of King Saud University – Computer and Information Sciences, ELSEVIER, Volume 26, Issue 3, pp. 347-354, September 2014.
5. M. Bhanu Sridhar, Y. Srinivas, MHM. Krishna Prasad, "Software Reuse in Medical Dataset based on Categorical Clustering and Bayesian Classification", International Journal of Research in Computer Engineering and Electronics (IJRCEE), Volume 3, Issue 6, Nov-Dec 2014.
6. M. Bhanu Sridhar, "Model Driven Software Engineering in the Mobile Era with an Emphasis on Security", International Journal of Electronics Communication and Computer Engineering, Volume 6, Issue 6, November 2015.
7. P. Sridevi, M. Bhanu Sridhar, "Strong Correlation Technique for Detecting Relationships in Time Series Applications for Univariate Analysis", International Journal of Emerging Research in Management & Technology, Volume 5, Issue 6, June 2016.
8. M. Bhanu Sridhar, A. Koushik, "A Study of Big Data Analytics in Clouds with a Security Perspective", International Journal of Engineering Research and Technology, Volume 6, Issue 1, January 2017.

Guest Lectures:

1. A three-hour lecture on Data Warehousing and Data Mining at Avanathi College of Engineering, Tagarapuvalasa, Vizag District in September, 2015.

Papers Reviewed:

1. Twenty five papers from British Journal of Mathematics and Computer Science (BJMCS).
2. Six papers from Journal of Basic and Applied Research International (JOBARI).
3. Twenty papers from Asian Journal of Mathematics and Computer Research (AJOMCOR).
4. Five papers from Asian Journal of Research in Computer Science (AJRCS).
5. Five papers from Journal of Advances in Mathematics and Computer Science (JAMCS).
6. Six papers from Journal of Scientific Research and Reports (JSRR).
7. Two papers from British Journal of Economics, Management and Trade (BJEMT).
8. Thirteen papers from British Journal of Applied Science and Technology (BJAST).

9. One paper from Journal of Global Economics, Management and Business Research (JGEMBR).
10. One paper from Journal of International Research in Medical and Pharmaceutical Sciences (JIRMPS).
11. One paper from Current Journal of Applied Sciences and Technology.
12. Forty papers from International Journal of Engineering Research and Technology (IJERT).
13. Official reviewer for workshops and papers for Computer Science Teachers Association (CSTA) 2017 Annual Conference, July 8-11, 2017, Baltimore, Maryland, USA.
14. Reviewer for London Journals Press (LJP) since AUG 2019.

Areas of Research:

Software Engineering, Data Mining, Cloud Computing.

Projects:

1. Investigator for SERB project “A Novel Approach in IoT based Heart-attack Detection and Patient Alert System”, CRG/2018/003395, duration: 3 years, budget: Rs. 22, 80,000, Status: under consideration.

Others:

Acted as Judge at the Tech-fest organised by Sai Ganapathi Engineering College on 19/12/18 for the session on IoT.

References:

1. Prof. Dr. Y. Srinivas, HOD, Dept. of IT, GITAM University, Visakhapatnam.
2. Prof. Dr. M.H.M. Krishna Prasad, Dept. of CSE, JNTUK UCE, Kakinada.

I hold Bachelor, Master and Doctorate degrees in Engineering (CSE) from reputed college(s) on AP, India. I intend to keep on improving myself with the ever-changing scenario of the IT industry. I prefer to be on parallel with the industry requirements and be acquainted with the on-going research in my areas of interest.