



system implemented for Johnson and Johnson and later distributed to other clients

- Designed and developed the information portal for a major international newspaper
- Developed the iNet+ examination for CompTIA (Computer Trade Industry Association)
- Manages Web Servers, Firewalls, Internet/Intranet/Extranet Architecture for Sysoft®
- Worked with Sysoft® Web Application framework for BMW Corporation
- Designed, developed and maintained a web based database application for Region2000 project in Lynchburg, VA, Department of Labor
- Presented Sysoft's eRFP software in National Institute of Government Purchasing (NIGP) Annual Forum in 2005, Anaheim, CA
- Designed and developed requirements and implemented the same with the help of professional developers Web based Active Server Page Applications for Pharmaceutical Companies, Financial Institutions, Government and Telecom Companies
- Designed, developed and taught technical courses on eCommerce and eBusiness in Telcordia
- Designed, developed and managed Sysoft's eBusiness Webmaster Certification Program
- Led a team of 20 professional programmers in various assignments. Clients included AT&T, Lucent, IBM, Prudential, Siemens, Telchordia, Johnson and Johnson, Verizon, Merck and many other companies.

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## PROFESSIONAL EXPERTISE

### **Systems Management**

Systems Engineering, Requirements Development and Analysis, Software Architecture, Regression Testing, Customer Acceptance Testing, Network Security Architecture

### **Database Management**

Data Warehousing/Data Mining, SQL Server, Oracle, Access, SQL, Web Programming with SQL, ODBC/JDBC

### **Web Application Development**

ASP, XML, JavaScript, VBScript, SQL, Cold Fusion, WAP, Web Graphics, DHTML, Java, CGI/Perl, PHP, Web Architecture, Security, Firewall, Network Architecture, PhotoShop, Flash, Image Ready, Fireworks, Illustrator, Captivate, PaintShop Pro, Gif Construction Set (Animator), Web Magic

### **MS**

Excel, PowerPoint, Access, Word, VISIO

## ACADEMIC EXPERIENCE

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2015–Present	Rutgers, The State University of NJ	Newark, NJ
	<i>Instructor, Professional Practise</i>	
2009–2015	Rutgers, The State University of NJ	Newark, NJ
	<i>Adjunct Faculty</i>	
	Taught the following courses.	
	■ Database Management Systems	2016-18
	■ Cyber Security	2016-18
	■ Management Information Systems	2009-18
	■ Information Technology for Managers	2011-18
	■ Business Statistics	2012-13
	■ Designing and Creating Websites	2010-18
	■ Production & Operation Management.	2010-16
	■ Computer and Network Applications	2016-17
	■ Structured Programming App	2018
	■ Datawarehousing and Datamining	2009
1997–Present	Sysoft Center for Software Excellence, NJ	Iselin, NJ
	<i>Faculty</i>	
	Taught and developed the following courses for NJ Department of Education licensed training program	
	■ Database Management Systems, Data Warehousing/Data Mining, SQL Server, Oracle, Access, Excel, PowerPoint, MS Office, eBusiness and Web development technologies	
	■ Developed courses on Web Application, Database integration, and Data Ware housing/Data mining.	
2007	Fairleigh Dickinson University, NJ	Floram Park, NJ
	<i>Adjunct Faculty</i>	
	Taught the following courses.	
	Management Information Systems	Fall 2007

## EDUCATION AND PROFESSIONAL CERTIFICATIONS

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- iNet Advanced Webmaster and eBusiness Architect, 2002
- Certified eBuisness Webmaster, 2001.
- iNet+ certification, CompTIA, 1999

- Masters in Computer Applications, Sysoft Center for Software Excellence, 1997
- BS in Business Management, Pune University, 1996

#### PROFESSIONAL AFFILIATION

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IEEE, Princeton/Central Jersey Section, NJ

ISM (Institute of Supply Management)

NIGP (National Institute of Government Purchasing)

#### PUBLICATIONS & PRESENTATIONS

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1. Cybersecurity for Enterprise Level Procurement and Contract Management Systems, NCMA, Nashville, TN, Aug 2018
2. Best Value Sourcing Cost Models: Using Excel and Web-based Systems NCMA, Nashville, TN, Aug 2018
3. (a)Big Data Analytics in Supply Chain, Proposal Evaluation, and Procurement Cost Reduction, (b)Bringing Audit Trail and Transparency in Public Sourcing, (c) Vendor Performance Analytics to improve operational efficiency (d) Various Cost Models for Smart Evaluation of Proposals Presentation(s) at National Institute of Government Purchasing Annual Forum, Salt Lake City, Utah August 28., 2017.
4. Speaker at ISM-EVA, Norfolk, VA May 2016 Supply Chain Metrics and Vendor Performance Measurement
5. ISM-Philadelphia Feb 2016 Computers in Purchasing, Electronic Commerce (e-commerce)
6. Presented at the 2016 Big Data in Biomedicine: Enabling Precision Health conference Poster Session.
7. Application of Big Data Analytics in Biochemical Engineering Applications of Cell Free Protein assemblies and folding for novel therapeutic development. Presented at the Technical Showcase at the Big Data in Biomedicine Conference on May 25, 2016
8. Proposal Evaluation and supplier performance analysis, Presentation an National Institute of Government Purchasing Annual Forum, Kansas City, MO, August 1-5., 2015.
9. Cost Models in Proposal Evaluations, National Institute of Government Purchasing Annual Forum and Product Expo, August 12-16, 2010, San Antonio, TX.
10. Sysoft eRFP Proposal Evaluation Tool, DGS, Commonwealth of Pennsylvania, September, 2009.
11. Sysoft Contract Management System, Webex online presentation, HCC, August 2010.
12. Proposal Evaluation System and Process Architecture, NY State OASAS, July 2010.

13. Data Analysis in Big Data Paradigm, Sysoft White Paper, June 2010.
14. Best Practices in Contract Performance Measurement, Sysoft White Paper, June 2009.
15. SWAF- configuration Management with Web Application Framework, Sysoft White Paper, April 2009.