

AMIT SHARMA

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OBJECTIVE

To obtain a challenging growth oriented position in burgeoning organization where I can prove my worth to the organization with my technical knowledge and computer skills in supportive environment with commitment.

ACADEMIC QUALIFICATION

- Pursuing PhD from Punjabi University Patiala since July 2012. It is at the verge of completion.
- M-Tech(CSE) from Punjabi University Patiala with 87% (**Distinction**) marks.
- B-Tech (CSE) under Kurukshetra University with 70.3% (**Honors**) marks.
- XII from CBSE with 66.2% marks.
- X from CBSE with 89% marks (**School Topper**).

EXPERIENCE

12 yrs of total experience. Currently working with ICFAI University, Baddi as faculty and Academic Coordinator.

TECHNICAL QUALIFICATION

UGC NET/ GATE

Qualified UGC NET 2015, GATE 2015, GATE 2016 .

PROGRAMMING LANGUAGES KNOWN

C, C++, HTML, DHTML, XML, CORE JAVA, ADVANCE JAVA.

SUBJECTS OF INTEREST

C, Computer Graphics, Data Structures, Java , Unix, Advance Java, Web Engineering, Operating System, Neural Network.

CERTIFICATION

Sun Certified Java Programmer (USA).

MEMBERSHIP OF EDUCATIONAL/ RESEARCH BODIES

Member of International Association of Engineers (IAENG) with membership Id 106225

TECHNOLOGIES & TOOLS FAMILIAR WITH

Hibernate, Struts , Business Objects , Servlet, JSP, Junit, HPQC, Maven, PMD, Jtest, Checkstyle, SVN, Requisite-Pro, Eclipse.

DATABASE FAMILIAR WITH

Ms-Access, Oracle.

OPERATING SYSTEM FAMILIAR WITH

Windows, Linux.

PAPERS PUBLISHED/PRESENTED IN JOURNALS AND CONFERENCES

“ A Roadmap for Agility Estimation and Method Selection for Secure Agile Development using AHP and ANN “ , in lecture notes of the book Data Engineering And Intelligent Computing, Springer, Chapter No 22 (2017).
(**Springer**)

“A Framework for Agile Development Method Selection using Modified PROMETHEE with Analytic Hierarchy Process”, in proceedings of the International Journal of Computer Science and Information Security, ISSN: 1947 5500, pp 846-854, Vol. 14 (2016). (**Thomson Reuters -ESCI**)

“An Empirical Approach to Measure Agility for Secure Agile Development using Fuzzy Analytic Hierarchy Process and Artificial Neural Network”, in proceedings of the International Journal of Control Theory and

Applications, ISSN: 0974-5572, pp 9283-9290, Vol. 9 (2016). **(SCOPUS)**

“A Multilevel Hybrid Approach for Selection of Agile Development Method using AHP, PROMETHEE and Fuzzy Logic “,in proceedings of the International Journal of Structural Integrity and Life, ISSN : 1820-7863, Issue no. 1-2017. **(SCOPUS)**

“ Modified Fuzzy PROMETHEE Approach for Agile Method Selection using Fuzzy AHP “,in proceedings of the International Journal of Control Theory and Applications, ISSN : 0974-5572, Volume : No.9, Issue No.:41, Pages : 641-649, (2016). **(SCOPUS)**

“ An Empirical Approach for Security Enhancement in Agile Development at Process Level using Fuzzy Logic “,in proceedings of the International Journal of Advanced Research in Computer Science, ISSN : 0976 - 5697, Volume.8 Issue.IV, 2017. **(UGC Approved)**

“An Integrated Framework for Security Enhancement in Agile Development using Fuzzy Logic “,in proceedings of the International Journal of Computer Science And Technology, ISSN : 2229-4333, pp 150-153, Vol. 7, Issue 2, June 2016.

“A Comprehensive approach for Agile Development Method Selection and Security Enhancement” , in proceedings of the International Journal of Innovations in Engineering and Technology ISSN: 2319-1058, pp 36-44, Volume 6 Issue 4 April 2016.

“A Critical Review of Agile Development Methods “,in proceedings of the International Journal of Computer Science And Technology, ISSN : 2229-4333, Vol. 8, pp 103-107, Issue 2, May 2017.

“A Systematic Review of Agile Software Development Methodologies “, NCIDEM-2015 National Conference on Innovation and Developments in Engineering and Management, April 28 2015, Universal Group of institutions, Punjab.

“Comprehensive Study of Object-Oriented Analysis and Design by using the Concept of OOSE “ International Journal of Research in Education Methodology , ISSN 2278-7690, pg. 14-16, Volume 1, No.1 June 2012 , Council For Innovative Research.

“Dynamic Membership Function Design Using Artificial Neural Network” with paper ID: C073,Third National Conference on Mathematical Techniques: Emerging Paradigms for Electronics and IT Industries (MATEIT-2010),IEEE sponsored ,January 30-31, 2010,Deen Dayal Upadhyaya College, University of Delhi.

“Automated design and implementation of ANN “ , with Paper-Id 30, ISCET 2010 International Symposium , March 19- 20, 2010, RIMT IET , Mandi Gobindgarh , Punjab, India.

“The Global Financial Crisis: Impact on IT Industry” , 4th International Conference on “Management Next: Paradigm & Innovations”, on Feb 19-20 2010, at GJIMT Mohali.

“ Role of E-Commerce in Education “, Paper-Id 0135 ,EDUMATICS 2010, International Conference at Chitkara Institute of Engineering and Technology, Rajpura, Punjab, 2010.

“Problems & Prospects of Currency Future in India” International Conference at Rattan Group of Institutions , Mohali, Punjab, 2010.

“Stress Management “, National Conference at Himalyan Institute of Engineering and Technology , Kala Amb, Himachal Pradesh, 2010.

“Impact of Liberalization on Banking Sector” , National seminar on Liberalization & its impact on Economic Development” , Feb 21 , 2010 , at Gandhi Memorial National College,Ambala.

“VAT in India” , National Seminar on “Value Added Tax: A Replacement of State level Sales Tax” , by Government College, Nov 30 2009, Naraingarh, Ambala.

WORKSHOPS ATTENDED

Workshop on Applied Soft Computing, July 25-30, 2005, Haryana Engineering College, Jagadhri.

Short Term Programme on Soft Computing from March 27-31, 2006, FET Gurukul Kangri Vishwavidyalya , Haridwar.

Workshop on Natural Language Processing, 21-23 Dec, 2009, at Chitkara Institute of Engineering and Technology, Rajpura , Punjab.

Workshop on Fundamentals of Information Technology 2010 at Chitkara University, Himachal Pradesh.

Workshop on Advance DBMS, 15-16 June 2011 at Chitkara University, Himachal Pradesh.

Workshop on Artificial Neural Network and Pattern Recognition, 4-8 July, 2011, at JP University, Himachal Pradesh organized by IUCEE.

Faculty Development Program, 29 June – 3 July 2015, at ICFAI Foundation for Higher Education, Hyderabad.

PROJECTS UNDERGONE

- ” **FRAMEWORK FOR INTEGRATION OF SOFTWARE DEVELOPMENT SECURITY ACTIVITIES WITH AGILE METHODOLOGIES** “
Using this framework, security activities can be integrated to agile methodologies to enhance security of software product without unacceptable agility level reduction.
Language used – Java

- “ **DEALER MANAGEMENT SYSTEM** “
This system is developed for **Renault Trucks France**. It consists of three sub projects namely:
 - “ JAVA MIGRATION “
 - “ COBOL MIGRATION “
 - “ FUNCTIONAL ENHANCEMENT “

Technologies used : Hibernate, Spring, Junit, HPQC, Maven, PMD, Checkstyle, SVN.

- “**INTEGRALE**”
This is a railway management system , which is going to be used by U.K Railways.
Technologies used : Requisite-Pro
- “ **AUTOMATIC NEURAL NETWORK GENERATOR** “
This software generates neural network for any problem based upon the information provided by the user. It automatically generates and trains the network to produce desired results.
Language used – C.
- “ **TEACHER’S EVALUATION SOFTWARE** ”
Developed Teacher’s Evaluation Software for Haryana Engineering College Jagadhri. Teachers are evaluated by the students on the basis of different parameters using this software.
Language used – VB.
- “ **COLLEGE WEBSITE** ”
Developed College Website for Haryana Engineering College Jagadhri.
- “ **TIME TABLE SIMULATOR** ”
This software simulates the time table for the various institutions such as school, colleges, etc. It take’s care of the Redundancy and Flexibility in the time table.
Language Used – VB.
Database Used – MS-ACCESS
- “ **TYPING TUTOR** ”
Helps the user to increase his typing speed and accuracy by regular practice sessions and test. It has the facility for numeric keys also besides game feature further increases the typing speed.

Language used – C.

➤ “ **INCOME TAX MANAGEMENT SYSTEM** ”

Keeping the record of Pay and Allowances of employees and calculating the Income Tax of each employee.

Language used – C.

PERSONAL INFORMATION:

Father's Name : SH. BRIJ SHARMA.

Gender : Male.

Nationality : Indian

Hobbies : Reading books, listening to Music, **Yoga and Meditation.**

Date: _____

DECLARATION

I here by declare that all the above information is true to the best of my knowledge.

(AMIT SHARMA)