Mohammed A R Quadri

E-mail: ataullah.quadri@gmail.com

Mobile: 9985933747

Objective

To prove myself dedicated, worth and energetic as a Representative in a progressive organization that gives me scope to apply my knowledge and skills, which dynamically works towards success and growth of the organization.

Educational Qualifications

1. Master of Technology in Computer Networks & Security from K L University in 2012, with 9.01 CGPA, awarded First Class with Distinction and **Gold Medal for highest CGPA**.
2. B.Tech (Computer Science & Engineering) from JNTU Kakinada in 2010 with 73.4% and awarded First Class with Distinction.
3. Intermediate from Board of Intermediate Education with 83.5% in 2006

4. SSC from Board of Secondary Education with 71% in 2004.

Teaching and Research Experience

- Worked as **Assistant Professor** in the division of COMPUTER SCIENCE AND ENGINEERING, SCHOOL OF COMPUTING of K L University, Vaddeswaram, Guntur Dt-Andhra Pradesh from **17-09-2012 to till 31-12-2014** with a total of **2.3 years Teaching Experience**.
- Worked as **Junior Research Fellow (JRF) in a DST, Govt of India Funded project with title , "Path and Spectrum Aware Routing Protocol for Multi-channel and Multi-radio Cognitive Wireless Mesh Networks (SCRAM, DST Funded Project) "** in the division of COMPUTER ENGINEERING Department, at Malaviya **National Institute of Technology** (**NIT-Jaipur**), Malaviya Nagar, Jaylan Margh, Jaipur, Rajasthan from **06-01-2015 to 29-06-2016** with a total of **1.5 years of Research Experience**.

Areas of Research

- Cognitive Radio Networks
- Aspect Oriented Programming and Autonomic Computing

Simulation Tools

- NI LabVIEW with NI USRP Hardware
- NS2 (network simulator)

Publications

- "**Distributed Token Based MAC for Multi-Channel Multi-Interface Cognitive Radio WMN**", Published in **IEEE 2015 18th International Symposium** on Wireless Personal Multimedia Communications (WPMC), December 14 2015, Hyderabad, India (in association with the funding of DST Govt of India, SCRAM Project).
- "**Service Composition Design Pattern for Autonomic Computing Systems Using Association Rule Based**

Learning", Published in INTERNATIONAL CONFERENCE on Advances in Intelligent and Soft Computing in conjunction with The Fourth International workshop on Grid Computing (GridCom-2012) on 25th-27th May, 2012, New Delhi, and will be **published in Springer-Verlag**, ISSN: 1867-5662.

- "**Design Pattern for Service Injection and Composition of Web Services for Unstructured Peer-to-Peer Computing Systems with SOA**", Published in INTERNATIONAL CONFERENCE on Advances in Intelligent and Soft Computing in conjunction with The Third International Workshop on Internet Engineering & Web services (InWeS-2012) on 25th-27th May, 2012, New Delhi, and will be **published in Springer-Verlag**, ISSN: 1867-5662.

Project Work Handled at NIT Jaipur as JRF in a DST Funded Project "Path and Spectrum Aware Routing Protocol for Multi-channel and Multi-radio Cognitive Wireless Mesh Networks" (SCRAM)

1. Decoding the 802.11b beacon frames to detect the SSID's of different access points in an environment
2. Receiver design for sensing and detecting the availability of a channel (means saying if it's busy or idle) and receiving the frames from a NI USRP and synchronizing the packet flow at receiver
3. Identification of White Spaces in TV Bands with Energy Detection Based Spectrum Sensing Using NI USRP and LabVIEW Setup
4. Spectrum aware Implementation of Cognitive Radio MAC Protocol Design (using NI USRP and LabVIEW Setup for Cognitive Radio based MAC Protocol)

M.TECH Thesis

Project Title: **Applying AOP and FOP for Autonomic Computing & Distributed Middleware Using Model Driven Engineering of Service Oriented Systems.**

Technologies: **Feature Oriented Programming, Aspect Oriented Programming, EJBs.**

Duration: **June 09 2011 to May 20 2012.**

Description: A distributed component J2EE Aspect oriented self Healing application satisfying the characteristics of autonomic computing using AOP, FOP, SOA, Adaptive Distributed Middleware, Self Healing characteristics of Autonomic computing, P2P Networks and Model Driven Engineering. New approaches for providing dynamic adaptability in the existing software with amalgamation of AOP and FOP.

B.TECH Project

Project #1:

Project Title **: 3-Party Authentication Using Cryptographic Protocols**

Team Size **: 6**

Technologies **: AWT, SWINGS**

Duration **: Feb 07, 2010 to April 14, 2010**

My Role **: Group Leader**

Description: Quantum key distribution takes advantage of certain phenomena that occur at the subatomic level, so that any

attempt by an enemy to obtain the bits in a key not only fails, but gets detected as well. Specifically, each bit in a key corresponds to the state of a particular particle, such as the polarization of a photon. The sender of a key has to prepare a sequence of polarized photons, which are sent to the receiver through an optical fiber or a similar medium. In order to obtain the key represented by a given sequence of photons, the receiver must make a series of measurements. A few explanations are necessary before the full implications of this procedure can be understood

My Role:

1. Created client windows using awt window toolkit.
2. Developed the classes, which contains the business logic.
3. Designed and developed user interfaces using awt and swings

Technical Skills

Areas	Technology / Products
Network Programming	IPC Mechanisms , Socket Programming
Operating Systems	Linux (Red Hat Enterprise Linux)
Languages	C, C++,Java
Database concepts	SQL

Extra Qualifications

- I have good knowledge in **Spring Framework Based Enterprise Application Development** and work flexible in Eclipse IDE with Linux Environment.
- Completed a course titled **Certificate in Web Component Development using Java Technologies** certified by The Academic Council of NIIT, India.
- I have good knowledge in **Aspect Oriented Programming (AOP) and Feature Oriented Programming (FOP)**. I have developed code in AspectJ, **FeatureIDE** using Java platform and it's very flexible for me to work with Net Beans and Eclipse IDEs.
- I have good knowledge in **Red Hat Enterprise Linux**, and I have successfully completed my course in Zoom Technologies.

Achievements

- I secured the **merit student memento** with first rank during my first year of study in M.Tech Computer Networks and Security specialization during academic year 2011-2012.
- I was awarded **Gold Medal** in my M.Tech - Computer Networks and Security specialization for securing 1st rank in our university for the academic year 2010-2012.

Workshops Attended

- Successfully completed a national workshop on The Essentials of LATEX on December 11-13, 2011 at Bapatla Engineering College, Bapatla (Autonomus).

- Successfully completed a national workshop on NS2 Simulator at MS Ramihya Institute of Technology, Bangalore in March 2014.

Personal Profile

Name	: MD A R QUADRI
Father's Name	:MD L R QUADRI (Chief depo material superintend,Indian Railway department)
Date of Birth	: MAY 24, 1989 (25 years running)
Gender	: male
Marital Status	: Unmarried
Languages Known	: English, Telugu, Urdu and Hindi
Permanent Address	: BLOCKNO: 295/B, WAGONWORK SHOPCOLONY, GUNTUPALLY, VIJAYAWADA-521241.