

**Form I-129H**  
**H Classification Supplement to Form I-129**

**Full Name:** NARASIMHA RAO NELLURI

A 2 1 3 5 0 9 0 1 9

**Addendum:**

Addendum to Form I-129, Part 5

The Specialty Occupation Position at VMware, Inc.: As a Senior Member of Technical Staff, the Beneficiary will perform professional and specialized duties in the specific specialty of Software Developers, Systems Software. The Beneficiary's duties will involve the following:

- Work in an agile environment to test and automate features in the VeloCloud product suite. By way of background, VeloCloud solves enterprise problems of cost-effectively provisioning branch, SMB, and mobile users with both high performance and controlled access to Public and Private Cloud Applications;
- Provide technical support to the functional testing of L2/L3 networking protocols/technologies, such as routing, VPN (IPsec), IPv6, QoS, Firewall, MPLS, and NAT;
- Validate different VMware hardware platforms for dataplane features;
- Master VMware's automation test framework and automate IP Networking features;
- Provide recommendations for feature or process improvements within VMware's VeloCloud operations;
- Report accurate and regular test results to team leads within VMware;
- Plan, design, develop, and test software products and features for enhancements and new cloud-based VMware tools and solutions;
- Work autonomously in an area of specialization to analyze information and user needs to determine and develop software solutions working on moderately complex problems of diverse scope;
- Modify existing software to correct errors, adapt to new hardware, and improve performance;
- Develop and direct software systems testing and validation procedures, programming, and documentation;
- Apply company policies and procedures to resolve a wide range of technical and programming issues in creative ways;
- Design, develop, and modify VMware software systems to meet customer needs and company goals;
- Work with cross-functional VMware teams including engineers, programmers, analysts and others to interface between hardware and software, develop specifications and performance requirements, and resolve customer problems;
- Customize software solutions to optimize operational efficiency in cloud-based environments and exercise discretion within defined practices and procedures in selecting methods and techniques for obtaining solutions;
- Utilize knowledge of data base management system software, development environment software, object-oriented development software, program testing software, operating system software, and various programming languages;
- Utilize knowledge of computer hardware and software, including applications and programming, and of systems architecture and components, including networking and storage; and/or
- Apply knowledge of engineering principles, best practices, and technologies to the design, development, testing, and production of various VMware products and services.

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**Full Name:** NARASIMHA RAO NELLURI

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**Addendum:**

In connection with such duties, the Beneficiary will apply theoretical knowledge of computers and electronics, engineering and technology, and mathematics. Accordingly, the Petitioner requires at least a Bachelor's degree in the specific specialty of Computer Information Systems. This includes the directly related fields of Computer Science, Computer Information Systems, Computer Engineering, or related, or equivalent, as the minimum educational requirements for entry into the position being offered to the Beneficiary. As evidenced by the Beneficiary's enclosed credentials (education and/or training and/or experience), the Beneficiary is clearly qualified for the specialty occupation.

**Minimum Requirements for the Offered Position:**

The Petitioner further submits that the minimum requirements for the specialty occupation of the offered position at VMware, Inc. are consistent with the professional Software Developers, Systems Software (15-1133) occupation and the accompanying Occupational Outlook Handbook (OOH) profile. The O\*NET Online indicates that considerable preparation and knowledge of computers and electronics, engineering and technology, computer information systems, mathematics, programming, and operations analysis is required. The Petitioner respectfully submits that the requirements imposed by VMware, Inc. for this specialty occupation position are normal in the context of our operations and the industry. These requirements also bear a reasonable relationship to the occupation in the context of the business operations and are essential to perform, in a reasonable manner, the job duties described.



## **THE TRUSTFORTE CORPORATION**

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### **EVALUATION OF EDUCATION, TRAINING, AND EXPERIENCE**

Name: **NELLURI, Narasimha Rao**

Date: September 10, 2021

Degree: Bachelor of Technology

Institution: Kakatiya University

Country: India

Date of Completion: April 2003

Qualifying Training/Work Experience: Seventeen Years and Five Months

Educational Equivalent in the United States:

#### **BACHELOR OF SCIENCE DEGREE IN COMPUTER INFORMATION SYSTEMS**

I offer this Evaluation of Education and Professional Experience on behalf of a representative of the above-referenced individual, Narasimha Rao Nelluri. As discussed herein, I find that Mr. Nelluri attained the equivalent of a four-year Bachelor of Science Degree in Computer Information Systems and a four-year Bachelor of Science Degree in Electrical and Electronic Engineering from an accredited university in the United States, based on his bachelor's-level academic studies in Electrical and Electronics Engineering and his documented professional experience in the field of Computer Information Systems.

Mr. Nelluri has demonstrated progressively responsible experience in test engineering, automation, quality assurance, defect management, and computer information systems. Through his high-level technical experience, as discussed herein, Mr. Nelluri has demonstrated a recognition of expertise in the field of Computer Information Systems. Accordingly, I conclude that Narasimha Rao Nelluri attained the equivalent of a four-year Bachelor of Science Degree in Computer Information Systems and a four-year Bachelor of Science Degree in Electrical and Electronic Engineering from an accredited institution of higher education in the United States.

My opinion expressed herein is based on my background as an evaluator of foreign academic credentials, extensive experience in the review and analysis of degrees issued by universities throughout the world, prior discussions with officials at universities worldwide, and a review of research materials relating to foreign academic credentials. I have more than twenty-seven years of experience in the review and analysis of foreign academic credentials and have



completed more than 700,000 evaluations that have been accepted by the United States Citizenship and Immigration Service (USCIS) and related government agencies, as well as various educational institutions and professional licensing boards. I am a member of the American Association of Collegiate Registrars and Admissions Officers (AACRAO), NAFSA: Association of International Educators, the National Association of Graduate Admissions Professionals (NAGAP), and the Association for International Credential Evaluation Professionals (TAICEP), as well as a senior evaluator of The Trustforte Corporation. Thus, I am well-qualified to offer this equivalency evaluation of the academic and experiential credentials of Narasimha Rao Nelluri.

The following is an analysis and advisory evaluation of the academic credentials and professional experience of Mr. Nelluri. This evaluation is based upon an analysis of Mr. Nelluri's employment experience in test engineering, automation, quality assurance, defect management, and computer information systems, and his completion of a Bachelor of Technology program at Kakatiya University, in India. As discussed below, Mr. Nelluri has completed seventeen years and five months of training and work experience in Computer Information Systems and related areas.

Mr. Nelluri completed a Bachelor of Technology program of study at Kakatiya University, an accredited institution of higher education in India. Admission to the bachelor's programs of Kakatiya University is based on graduation from high school and the completion of competitive entrance examinations.

Mr. Nelluri entered Kakatiya University following his completion of high school studies. At Kakatiya University, Mr. Nelluri completed both the general studies and specialized studies that lead to a bachelor's degree. The course of studies includes entry-level general academic courses, which are a requisite component of a bachelor's degree from an institution of higher education in the United States. Based on the subject matter and credit hours of these courses, most such courses would qualify as equivalent to courses in US institutions.

Additionally, Mr. Nelluri completed coursework in his area of specialization, Electrical and Electronics Engineering. Following his completion of the required coursework and passage of the required examinations, in April 2003, Mr. Nelluri was awarded a Diploma for a Bachelor of Technology Degree by Kakatiya University. The nature of the courses and the credit hours involved indicate that he attained the equivalent of a four-year Bachelor of Science Degree in Electrical and Electronic Engineering from an accredited institution of higher education in the United States.

In addition to the fulfillment of his university studies, Mr. Nelluri completed seventeen years and five months of progressively responsible bachelor's-level employment experience in the field of Computer Information Systems, under the supervision of managers, and together with peers, at a bachelor's-level of practical experience.



Mr. Nelluri has a documented period of full-time employment in the field of Computer Information Systems beginning in April 2004, since which time he has been employed in roles of increasing responsibility with the following companies:

- Flextronics Design Ltd.
  - *Software Engineer* (April 2004 – March 2006)
- HCL Technologies
  - *Member Technical Staff* (April 2006 – October 2008)
- Alcatel-Lucent
  - *Automation Test Engineer* (November 2008 – October 2012)
  - *Software Quality Assurance Test Engineer* (October 2012 – September 2018)
- Cisco Systems
  - *Software Engineer – QA* (September 2018 – Present)

Mr. Nelluri advanced through increasingly senior and progressively responsible duties while working with peers, supervisors, and colleagues, all of whom were operating at or above a bachelor's-level of educational proficiency. Mr. Nelluri worked with multiple companies, all the while progressing through positions of increasing responsibility. He was initially tasked with setting up and conducting functional and system testing in order to identify and report bugs. As Mr. Nelluri's career progressed, his level of responsibility steadily increased, commensurate with his gains in skill and experience. His progressively more responsible and advanced duties in the field included preparing test plans and building test beds for testing network protocols, creating stress tests for core router technologies, writing automation scripts for various protocols, setting bandwidths, and producing simulations of large networks under varying traffic loads to determine the capabilities and limitations of multiple network devices. Through the completion of these increasingly advanced assignments, Mr. Nelluri's technical acumen and knowledge have grown, and, as a result, he has gained recognition of expertise from his peers and superiors in the field of Computer Information Systems. This has clearly been evidenced by his employers' progressive offers to entrust him with more complex work throughout his career. Mr. Nelluri leveraged his expertise in order to develop systems for validating complex virtualized and converged data center use cases, enable automated regression testing to ensure system stability and traffic recovery functions throughout topology changes and system upgradations, and provide quality assurance across multiple features and platforms by reproducing and verifying the resolution of defects, in addition to providing configuration guidelines to customer support, pre-sales, product marketing, and technical publication teams. As further evidence of his recognized expertise in the field, Mr. Nelluri has been entrusted by his employers with substantially higher-level duties that have required him to leverage his technical expertise. These have included devising and executing detailed test plans for a range of data center access and layer features across numerous release cycles, enhancing test case automations and libraries using Python, and following up with engineering teams on issues through resolution.

Following my analysis of Mr. Nelluri's education and experience and my review of relevant documentation, it is evident to me that he has demonstrated a pattern of progressively responsible expertise in Computer Information Systems. It is my opinion that he has achieved a





high level of technical expertise through progressively responsible positions directly related to the aforementioned specialty, based on increasingly advanced job duties in test engineering, automation, quality assurance, defect management, and computer information systems.

The foregoing summarizes the work experience completed by Narasimha Rao Nelluri and specifies his responsibilities over a period of seventeen years and five months of employment experience and training concentrated in test engineering, automation, quality assurance, defect management, computer information systems, and related areas. The academic competency required to handle the duties involved in his professional background clearly is comparable to the academic background of students in bachelor's-level programs in Computer Information Systems.

As set forth above, Mr. Nelluri completed seventeen years and five months of work experience and training in positions of progressively increasing responsibility and sophistication, characterized by theoretical and practical application of specialized knowledge under superiors, together with peers, with baccalaureate-level education in Computer Information Systems and related areas. At the equivalency ratio of three years of work experience for one year of college training, promulgated by the US Citizenship and Immigration Services ("USCIS") of the United States Department of Homeland Security, Mr. Nelluri completed, in time equivalence, well in excess of the four years of university-level education required in connection with the attainment of a bachelor's degree in the field of Computer Information Systems, in addition to his completion of a Bachelor of Technology program at Kakatiya University. Due to the concentrated nature of his work experience and training in test engineering, automation, quality assurance, defect management, computer information systems, and related areas, it is my opinion that Mr. Nelluri's background would be comparable to a university-level equivalency in Computer Information Systems.

I find that Mr. Nelluri's professional experience, as outlined above, is comparable to the academic training gained through a bachelor's-level educational program in Computer Information Systems or a closely related area. By completing seventeen years and five months of professional experience in Computer Information Systems after completing the equivalent of a four-year US bachelor's degree, Mr. Nelluri fulfilled the equivalent of a bachelor's-level degree in the field of Computer Information Systems. In my opinion, the foregoing combination of academic and professional credentials indicates that the candidate gained a level of academic competence equivalent to a Bachelor of Science Degree in Computer Information Systems from an accredited institution of higher education in the United States.

Furthermore, I note that the professional experience of Mr. Nelluri, as specified above, comprises seventeen years and five months of progressively responsible duties in the areas of test engineering, automation, quality assurance, defect management, computer information systems, and related areas. His demonstrated progressively responsible experience, completed over the course of seventeen years and five months, provides a suitable basis for a finding of a bachelor's-



level degree in the field of Computer Information Systems, in addition to a bachelor's-level degree equivalency in Electrical and Electronic Engineering. Moreover, based on the level of technical expertise developed throughout his professional career, Mr. Nelluri has demonstrated a recognized level of expertise in the field of Computer Information Systems.

Accordingly, based on the reputation of Kakatiya University, the number of years of coursework, the nature of the coursework, the grades attained in the courses, and the hours of academic coursework, as well as seventeen years and five months of professional training and professional experience in test engineering, automation, quality assurance, defect management, and computer information systems, it is my judgment that Mr. Narasimha Rao Nelluri attained the equivalent of a four-year Bachelor of Science Degree in Computer Information Systems and a four-year Bachelor of Science Degree in Electrical and Electronic Engineering from an accredited institution of higher education in the United States, and has developed a recognition of expertise in the field of Computer Information Systems.

This evaluation is based on copies of the original documents provided by Narasimha Rao Nelluri and represented to be authentic and true copies of the original documents. We have no reason to doubt the authenticity and accuracy of these documents. This is a true and correct evaluation to the best of our knowledge and belief, pursuant to requirements of the USCIS of the United States Department of Homeland Security. The Trustforte Corporation is a credentials evaluation service and academic advisory firm specializing in the evaluation of foreign educational credentials. Past academic equivalency evaluations of The Trustforte Corporation have been accepted regularly by the USCIS and various US educational institutions.

Corporate Seal

Barry S. Silberzweig, B.A., J.D., M.B.A., Evaluator; Member, American Association of Collegiate Registrars and Admissions Officers (AACRAO), NAFSA: Association of International Educators, National Association of Graduate Admissions Professionals (NAGAP), The Association for International Credential Evaluation Professionals (TAICEP)

***For detailed statement of qualifications and experience of evaluator, see attached resume***

- References:
1. International Academic Credentials Handbook, Volume II, Washington, D.C.: AACRAO/NAFSA, 1989.
  2. Taylor, Ann [ed.]. *International Handbook of Universities and Other Institutions of Higher Education*, 12th ed. New York: Stockton Press, 1991.
  3. U.S. Department of Education, National Center for Education Statistics. *Degrees and Other Awards Conferred by Degree-Granting Institutions: 1995-96*. Washington, D.C.: U.S. Government Printing Office, 1998.



4. AACRAO EDGE. *AACRAO Electronic Database for Global Education (EDGE)*. Online database. [www.edge.aacrao.org](http://www.edge.aacrao.org).
5. Central Intelligence Agency (CIA). *The World Factbook 2008*. Dulles, Virginia: Potomac Books, Inc., December 1, 2007.
6. The American Council on Education's College Credit Recommendation Service (CREDIT). *2004-2005 National Guide to Education Credit for Training Programs*. Westport, CT: Greenwood Publishing Group, Inc., August 30, 2004.
7. Hunt, E. Stephen. *Mapping the World of Education: The Comparative Database System (CDS)*. Vols 1-3. Washington, DC: US Department of Education and National Science Foundation, 1994-1997.





**Kakatiya University**

Warangal - 506 009 (A. P.) India

**PROVISIONAL CERTIFICATE**

No.: **015703**

Date: **06-06-2003**

This is to certify that

Son/ Daughter of

NELLURI NARASIMHA RAO

SHESHAIAH

has passed the

BACHELOR OF TECHNOLOGY

examination of

this University, held in

APRIL, 2003

, with Roll no. 12099928

and that he/she was placed in

FIRST DIVISION

He/She was examined in the following branch:

ELECTRICAL & ELECTRONICS ENGINEERING



  
for Registrar





# Kakatiya University

WARANGAL - 506 009 (A.P.) INDIA

## CONSOLIDATED MEMORANDUM OF MARKS

Date : 06-06-2003

Roll No. : 12099928

5386

ion : B. TECH. (ELECTRICAL & ELECTRONICS ENGINEERING), APRIL, 2003

e's Name : NELLURI NARASIMHA RAO

ame : SHESHAIAH

SUBJECT	CREDITED MARKS		MONTH & YEAR OF PASSING	SUBJECT	CREDITED MARKS		MONTH & YEAR OF PASSING
	MAX.	SECURED			MAX.	SECURED	
				III YEAR, II SEMESTER:			
ENGLISH LANGUAGE(03)	450	228	JUL '00	MANAGERIAL ECONOMICS(03)	450	297	MAY '02
MATHEMATICS - I(04)	600	492	JUL '00	POWER ELECTRONICS(04)	600	284	MAY '02
PHYSICS(04)	600	352	JUL '00	MICRO. PROC. & THEIR APPLNS. (04)	600	508	MAY '02
COMPUTER THEORY(03)	450	279	JUL '00	ELECTROMECHANICS -II(04)	600	300	MAY '02
ENGINEERING MECHANICS(04)	600	484	JUL '00	POWER SYSTEMS -I(04)	600	292	MAY '02
CHEMICAL SCIENCE(03)	450	225	JUL '00	COMMUNICATION SYSTEMS(04)	600	324	MAY '02
SHOP PRACTICE(02)	300	220	JUL '00	MICROPROCESSOR LAB. (01)	150	122	MAY '02
PHYSICS LAB. (01)	150	118	JUL '00	ELECTROMECHANICS -II LAB. (01)	150	106	MAY '02
COMPUTER THEORY LAB. (01)	150	115	JUL '00	POWER ELECT. & CONTROL LAB. (01)	150	98	MAY '02
				IV YEAR, I SEMESTER:			
ENGINEERING & COMPUTER PROG. (03)	450	318	DEC '00	UTILISATION OF ELECTR. ENERGY(04)	600	380	NOV '02
MATHEMATICS -II(04)	600	492	DEC '00	POWER SYSTEMS -II(04)	600	352	NOV '02
CHEMICAL SCIENCE -II(04)	600	388	DEC '00	ELECTRICAL MACHINE DESIGN(04)	600	416	NOV '02
PHYSICAL SCIENCE(04)	600	392	DEC '00	INDUSTRIAL DRIVES & CONTROL(03)	450	333	NOV '02
ROMANETIC THEORY(04)	600	420	DEC '00	EHV AC & DC POWER TRANSMN. (03)	450	225	NOV '02
OPTICS THEORY(04)	600	420	DEC '00	COMPUTER ORGANISATION(04)	600	336	NOV '02
PHYSICAL SCIENCE LAB. (01)	150	102	DEC '00	COMPUTER ORGANISATION LAB. (01)	150	119	NOV '02
CHEMICAL SCIENCE LAB. (01)	150	128	DEC '00	COLLOQUIUM(01)	50	35	NOV '02
ENGLV. & COMP. PROG. LAB. (01)	150	96	DEC '00				
				IV YEAR, II SEMESTER:			
MATHEMATICS -III(04)	600	460	JUN '01	POWER SYSTEM CONTROL(04)	600	304	APR '03
MECH. & HYDRAULIC MECH. (04)	600	444	JUN '01	PROTECTION & SWITCH GEAR(04)	600	384	APR '03
PHYSICAL SCIENCE(04)	600	464	JUN '01	COMP. METHODS IN POWER SYSTEMS(03)	450	321	APR '03
CONTROL & SYSTEMS(04)	600	468	JUN '01	POWER SYSTEM LAB. (01)	150	124	APR '03
CHEMICAL SCIENCE -I(04)	600	480	JUN '01	PROJECT WORK(09)	1350	1134	APR '03
INSTRUMENTS & INSTRUMENTATION(04)	600	348	JUN '01				
INSTRUMENTATION LAB. (01)	150	135	JUN '01				
CHEMICAL SCIENCE -I LAB. (01)	150	112	JUN '01				
MECH& HYDRALUIC MECH. LAB(01)	150	113	JUN '01				
				EAR, I SEMESTER:			
INTRODUCTION TO ECONOMIC ANALYSIS(03)	450	291	DEC '01				
CONTROL SYSTEMS ENGINEERING(04)	600	396	DEC '01				
ANALOG INTEGRATED CIRCUITS(04)	600	304	DEC '01				
DIGITAL CIRCUITS & LOGIC DESIGN(04)	600	444	DEC '01				
CONTROL SYSTEMS ENGINEERING(04)	600	412	DEC '01				
ELECTROMECHANICS -I(04)	600	316	DEC '01				
ANALOG INTEGRATED CIRCUITS LAB(01)	150	116	DEC '01				
PHYSICAL ELECTRONICS LAB. (01)	150	116	DEC '01				
ELECTROMECHANICS LAB. (01)	150	128	DEC '01				

COPY



## **Narasimha Rao Nelluri**

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7964 McClellan RD  
Cupertino, CA, 95014  
Mobile:925-663-5819  
[nnelluri928@gmail.com](mailto:nnelluri928@gmail.com).

### **Professional Profile**

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Highly driven and passionate CCNA, CCNP Network Test Engineer with 15 years of experience in designing, testing and troubleshooting complete network systems/customer networks. Very experienced in working and communicating with sales, marketing, software development, support and all levels in management in translating customer and technical requirements into test plans used in validating the conformance, convergence, stability, and performance of various Layer2 and Layer3 Protocols.

### **Technical Summary**

#### **Network Experience:**

Configuration and troubleshooting of major networking protocols, including: Shortest Path Bridging(802.1AQ) 802.1d/w spanning tree/rapid spanning tree, multiple spanning tree, 802.1q VLAN tagging, PVST+, ERPV1/v2, QinQ, Ethoam, HAVLAN, MVRP, AAA, RIPv2, OSPFv2/v3, IGMPv1/2/3, MLDv1/v2, VRRPv2/v3, SNMP, RADIUS,DHCPv4/v6 Relay, DHCPv4/v6 server, DHCP Snooping, LPS, Private Vlan, STP Loop Guard and BGP, PIM-DM, PIM-ASM, Multi-tenant VxLAN Overlay Networks (Hardware VxLAN Tunnel implementation), IPV6,VxLAN-BGP Evpn, VxLAN Flood and Learn

#### **Hardware:**

Hands on experience with Alcatel-Lucent switches includes OS9900, OS6900, OS10K, OS6850, OS6860, OS9700, OS6400) Cisco switches (Cisco Nexus 7K, 65xx), IPD Routers (IPD 7750 SR-5, 7750 SR-1).

Hands on Experience with Cisco Nexus 9K/7K series switches.

Hands on experience with Cisco Features includes VPC, HSRPv2, Storm-control, Symmetric Hashing, VxLAN BGP EVPN and VxLAN Flood and Learn.

#### **Software:**

Linux (CentOS), Windows 2000/2003 server, all Windows desktop versions, Microsoft Visio, MSNLTB, Wireshark, TCL, python Programming.

Hands on 10G/40G/100G 1RU and chassis Based switches.

Hands on different transceivers SFP, SFP+, QSFP, QSFP28 and 4X10G Breakout cables.

Hands on Python Network Automation.  
Exposure to Microsoft Network Load Balancing Technologies.

TOOLS: IXIA tools- Explorer, IxExplorer, Ixnetwork, IxAutheticate , Spirent, wireshark, Qualisystems, tcpdump, GIT (version control system)

### **Certifications.**

Cisco Certified Network Professional (CCNP), 2008  
Cisco Certified Network Associate (CCNA), **2007**  
Completed Python Crash Course from Google, 2020  
Completed Python to Interact with Operating Systems from Google, 2020  
Completed Python Course code in place from Stanford, 2021  
Three Times connected Recognition Award from Cisco.

### **Professional Experience.**

**Software Engineer – QA, Cisco Systems**  
**San Jose Sep 2018 To Present.**

Designed Test Plan for the various Layer 2 Features and Datacenter Access Features for Cisco Nexus 9K product line. Tested Various Layer 2 & Data center Features across Release cycles. Recreated Customer Bugs comes from the Field. Created Bugs on day to day basic and follow up with Engineering Team until Issues Resolved. Test Case Automation and Library Enhancement using Python. CFD automation every week.

**Software Quality Assurance Test Engineer / Alcatel-Lucent,**  
**Agoura, CA. OCT 2012 – Sep 2018.**

Designed & Implemented a Test bed & System Test Plan focused on validation of Virtualized & Converged Datacenter Use Cases on the Alcatel-Lucent Top of Rack & Chassis-Based Switches. Automated major portion of System Test regression to validate system stability & Traffic recovery/convergence during Network events [Topology changes, System Upgrades. Ensure Quality across multiple AOS features and platforms by raising, tracking, reproducing and verifying resolution of more than 300 defect reports over multiple releases. Provide Configuration guidelines and debug support to Customer Support, Pre-Sales, Product Line Marketing and Technical Publication teams.

**Skills:** Layer2 switching Protocols and Layer 3 protocols, Multicast.

**Automation Test Engineer / Alcatel Lucent, India Nov 2008 – OCT 2012.**

Wrote test cases for Various Layer2 protocols and Enhancement Features STP/RSTP/MSTP, Layer 2 Protocol Tunneling, Ingress Bandwidth shaping, OSPFv2, VRRPv2/VRRPv3 ,8021X, Ethoam Troubleshoot and submitted bugs against the software. Configuring and testing using all major networking protocols, including OSPF, IGMP/MLD, PIMv2, STP, MSTP, RSTP and RIP for both IPv4 and IPv6, wrote TCL scripts for couple of features mentioned above.

**Accomplishments:**

Simulate large networks and altering traffic load used in testing the limitations and capabilities of network devices using the above protocols. Used Wireshark for troubleshooting. Used TCL for automating testing for various network protocols. Used AOS commands for verification and troubleshooting of routing and switching problems. Identify bugs in software and submitting reports.

**Member Technical Staff / HCL Technologies, India APR 06 - OCT 08**

Wrote Product test plans for ATM protocol AAL2, AAL5 QoS, IP Fragmentation and De Fragmentation, multicast and wrote TCL scripts for corresponding Test Plans. Worked on Protocol and System Stress Rigs for Avici Terabit Core Router. Test Bed Preparation, Test Execution and Report generation. Worded on Functional and Scaling testing on OSPF, BGP for Avici Terabit Core Router.

**Accomplishments:**

Use TCL scripting for automating Various protocols mentioned above.  
Identify bugs in software and submitting reports.

**Software Engineer / Flextronics Design Ltd, India APR 04 – MAR 2006.**

Functional and System Test with BGP Protocol. Executing test cases and Bug Reporting  
Running Regression for Various Routing Protocols OSPF, BGP, PIMv2.

**Accomplishments:**

Making the Test setup ready for testing.  
Functional & System test with BGP.  
Executing the test cases and bug reporting Identify bugs in software.

**Education.**

Bachelor of Electrical and Electronics

Graduated 2003. Kakatiya University.