

Dr. HARDIKSINH RAYJADA

Ph.D. (Computer Science)

11+ Years of Experience in IT Infra

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PERSONAL PROFILE

Date of Birth	:	19 th February 1989
Address	:	Rajkot, Gujarat, Pin-360 005
Gender	:	Male
Nationality	:	Indian
Marital Status	:	Married
Languages	:	Gujarati, Hindi and English.

EDUCATION

Ph.D. (Computer Science)	Atmiya University	October 2022
M.C.A.	56%	IGNOU
B.C.A.	54%	Saurashtra University

EXPERIENCE

IT Project Coordinator	Com. Cen., Saurashtra University
01 May 2019 to Continue	
Sr. System Engineer	N-Scope Techno LLP
Oct 2018 – March 2019	
IT Consultant	ITI Morbi, Ethos India
July 2018 – Sep 2018	
IT Executive	IT Infra, Marwadi University
Sep 217 – Jun 2018	
Computer Lab Technician	CoE, Saurashtra University
July 2015 – Aug 2017	
IT Administration	Com. Cen., Saurashtra University
March 2011 – Jun 2015	

MY LIFE PHILOSOPHY

Work with a progressive organization, where I can contribute my skills to achieve the organizational objectives and enhance my own productivity with the attribute of time, quality and discipline.

FIND ME ONLINE

[Linkedin](#)

[Sites.google](#)

SKILLS

Project Management
Project Coordination
Project Planning
IT Infra Manage
IT Administration

PASSION

Photography, Visit Natural Place, Watching Movies, Making Short Film

STRENGTHS

My greatest strength is "Adaptability". I can easily adapt to new environment

CURRICULUM VITAE

RESEARCH PAPERS

1. Rayjada, H., & Shukla, P. (2021). Analytical comparison of cloud data centre services and cost. *IOP Conference Series: Materials Science and Engineering*, 1022(1). <https://doi.org/10.1088/1757-899X/1022/1/012058>
2. Rayjada, H., Parsania, V. PJAEE, 17 (7) (2020) In *Analytical Research of Data Center Security Implementations and Cyber Attacks-Palarch's Journal of Archaeology of Egypt/Egyptology* (Vol. 17, Issue 7).
3. Rayjada, H., & Shukla, P. A Study for Challenges and Site Selection Criteria of the Data Center. *Journal of the Maharaja Sayajirao University of Baroda*, Volume-54, No.2 (IV) 2020
4. Rayjada, H., & Parsania, V. (2019). Reviewing Wi-Fi Standards for Exploring Performance. *International Journal of Research and Analytical Reviews*. www.ijrar.org
5. Rayjada, H., & Parsania, V. (2019). *Analytical Survey of Architecture, Features & Functionality of Data Centers in India*. www.tjprc.org
6. Rayjada, H., & Shukla, P. (2022). The Sustainable Energy Conservation Designed for Data Center Infrastructure Development Using Machine Learning Model
7. Rayjada, H., & Shukla, P. (2022). Abstract Submitted: The role of artificial intelligence and Information Technology is helpful in fighting the Coronavirus pandemic situation in India.

CONFERENCES

1. International Conference on Computational Research and Data Analytics Iccrda-2020. "Analytical Comparison of Cloud Data Centre Services and Cost". 24/10/2020.
2. International Conference on Paradigm Shift in Economy Post 2020. "A Study For Challenges And Site Selection Criteria Of The Data Center", 3-4/12/2020
3. National Conference On "Use Of Artificial Intelligence In Online Education" Organized By Department Of Statistics Saurashtra University, Rajkot
4. International Conference On Emerging Trends & Contemporary Practices (Icetcp-2022) "The Sustainable Energy Conservation Designed For Data Center Infrastructure Development Using Machine Learning Model", Atmiya University

FACULTY DEVELOPMENT PROGRAMME (FDP)

1. One day faculty development program "Structural Equation Modelling".
2. Two weeks online faculty development program on "hands on writing and publishing research paper for reputed journals".
3. International Faculty Development Programme (FDP) on Data Analytics and Machine Learning.

WORKSHOP

1. Atmiya University, Lincoln University, "Writing effective empirical research paper".
2. Rest Society for Research International, "One Week Workshop on Copyright, Patent Filing and Journal Indexing".

PROJECT COORDINATION AND MANAGE

- Responsible for the planning, execution and delivery of assigned projects.
- Resolve issues and provide status reporting for each assigned project and be responsible for delivering high-quality projects on time.
- Managing and motivating a team, Prepare budgets, and Analyze project progress.
- Manage relationships and communications with all departments.
- Coordinate with all internal departments and the clients for smooth functioning of the projects.
- Managing the end-to-end delivery of complex system solutions, controlling project constraints and scope.

CURRICULUM VITAE

COMPUTER NETWORKING

- L1 Cable Tracing and Troubleshoot
- L2 Switch Cisco, Netgeare, Digisol, D-Link Configure Installation and VLAN, ACL
- L3 Cisco, Netgeare Switch VLAN, ACL,
- ARUBA Wireless AP and Controller Install, Configuration & Troubleshooting
- Motorola Wireless AP and Controller Install, Configuration & Troubleshooting
- Responsible to install, set up, maintain network and also configure the peripherals, cabling and equipment's accordingly as per the requirement.
- Responsible to monitor whether all the components are available for successful communication.
- Successfully configured & Troubleshoot CISCO Catalyst 3560G series, Linksys N2024, SG-350 POE & Normal, SG-300 POE & Normal, SG300 SFP Switch in real time network.
- Able to Define User policy and Security CyberoamCR2500iNG
- Strong Knowledge configured various network topologies.
- Able to configure and troubleshoot various protocols like VLAN, DTP, VTP, STP, DHCP, FTP, ARP, etc.
- Hands on Experience Maintain LAN State Pro Network Diagram with Tools, Wireshark, PRTG.
- Strong Knowledge LAB Planning& Development (i.e. Apple, All in One, etc) with Equipment's.
- Planning and Create Different Range of IP Class and VLAN to make Separate network.
- Successfully operated different network devices. i.e. ROUTER, SWITCH, MODEM, ACCESS POINT, Plug & Play media converters, etc.
- Hands on Experience Structure Cabling & Planning & IP distribution.
- Well versed with Ethernet Technologies Like 100baseT, 100baseTx, 1000baseT, 1000baseTx, 1000baseFx. etc.
- Demonstrated capability to analyze, configure, & identify loop fall of Network security at various layers like Port security, MAC address Binding & BPDU guard at Layer-2, Access control List etc.
- Knowledge about Various fiber technology & Optical standards, LIU
- Actively Observed operations of various equipment's used in Optical Network O&M like Spicing Machine, OTDR and LS-PM (Laser Source – Power meter)

SECURITY & SURVELIANCE

- Cyberoam, Sophos, Checkpoint, Firewall Manage, User manage, Policy Set,
- Responsible for maintaining the Backup network, hardware, software, files on a regular basis accordingly as per the company policies.
- Monitoring tools like Wire-shark, PRTG, LAN State, Solar Winds and various tools.
- Developing and implementing IT policy and best practice guides for the organization
- Daily Maintenance Checklist for All Critical IT Equipment's and Health Checkup
- CCTV Camera (Dome, Bullet, PTZ, IP, Analog) Installation and manage.
- DVR/NVR Install and Schedule for Recording and User vies Viewing Policy Apply
- Biometric Time Attendance Machine User Registration and Server side Authentication

COMPUTER HARDWARE

- Managing data base of server & creating new users accounts.
- Installation of software's like antivirus, MS-office, adobe & acrobat reader and windows etc.
- Troubleshoot Microsoft windows issues.
- Maintain and Installation of Desktop, Laptop, Printer, etc
- Knowledge about the different electrical equipment's. i.e. power supply, generators, invertors, UPS, AHU, SE, Scientific Equipment's and how to install and Working
- Printer Sharing, File Sharing, OS Firewall Manage.
- Desktop and Server OS Installation and Set Policy by User vise

CURRICULUM VITAE

ADMINISTRATION

- Purchase Every year approx. two crore expenditure for Computer & Peripherals item purchase
- Purchase Every Year Special Grant two crore expense to Specific item purchase as per UGC Norms
- Design and Process for Tendering for Computer Items Annual Rate contract and Maintenance Contract
- Get Training Staff and Motivation and Supporting to Any Difficulties
- Ability of providing solutions on issues and new requirements
- Dealing Managing relationships with Client and IT vendors
- Manage Backup and Update Credentials Day to day
- good communication Skill and Understanding need of Clients
- Present solutions in written or oral reports
- Received appreciation from Registrar in front of 150+ employees
- Responsibility of arranging all technical stuff in function of Saurashtra University
- **MIS**(Management Information System) Gov. Portal
- Prepare documentation and present progress reports to Higher Authority
- Organize and Given training for users and other consultants
- Conducting regular system audits
- GeM (Government E Market) Purchase

WEBSITE TECHNOLOGY

PHP MySQL Web Technology Static and Dynamic Web Site Developments,

PROJECT DONE

1. Firewall Policy and User Authentication
2. Biometric Machine Time Attendance Implements
3. Upgrade Network Campus 100Mb to 1Gb LAN
4. Wi-Fi Campus Upgrade
5. CCTV Camera Implements on Campus
6. Optical Fiber Cable
7. IT Infra Solution Provide in Industries

EVENTS

1. **HACKATHON-2018:** More than 360 student's participants, 36 hours continue, Network Planning and Installation, Troubleshoot.
2. **Google Events:** 300 Students participants Aruba Wi-Fi Network, Planning, Installation and Troubleshoot.
3. **MU Fest-2018:** Fingerprint Entry with
4. **Online Exam** Conduct for NET/SLET, MU Entrance
5. **Vibrant Gujarat** Global Summit 2017 Gandhinagar
6. CCTC Camera, Live Event on YouTube. University Convocation

TRAINING & CERTIFICATES

Cisco CCNA Trained

Netroute Technology Rajkot 2017

Antivirus Endpoint and Server Architect

Sophos House-2 Ahmedabad 2018

CURRICULUM VITAE

National Workshop on Digital Film Making
Department of Journalism, Saurashtra University 2017

NIKON India Basic Photo Graphs
Nikon House Rajkot 2018

- **WEBINAR:** 5 online webinar attended to helpful in my research work
- **CERTIFICATE:** 26 Online Certificate course are completed to help full and update my knowledge to my research work

RESERCH LINKS

1. Google Scholar: https://scholar.google.co.in/citations?view_op=list_works&hl=en&user=3WnCAWwAAAAJ
2. Mendeley: <https://www.mendeley.com/profiles/hardiksinh-rayjada-hardik/>
3. Publons: <https://publons.com/researcher/3157137/hardiksinh-rayjada/>
4. ORCID: <https://orcid.org/0000-0002-3867-9843>

PROFESSIONAL MEMBERSHIP

1. **theIRED**(Institute of research engineers and doctors) Membership No:**101000602327**

OTHER TELENTS

I have made some Documentary and Short Films

<https://www.youtube.com/user/hrdk003/videos>

<https://www.youtube.com/channel/UCZ-sRacVy0fdxyFFBpo0-Dg/videos>

REFERENCE

Dr. P.N. Goswami

Director, Computer Center
Saurashtra University
Rajkot

Dr. Parag Shukla

Ass. Prof. Dep. of MCA
NFS University
Gandhinagar

DECLARATION

I hereby declare that the above-mentioned information is correct and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Rajkot

Date: 08/10/2022

Dr. Hardiksinh Rayjada