RESUME

Mr. Hemant Dattaray Sonawane

M.Tech. Software, RHCSA, CPP.

CSI, IAENGG, ISRD, SDIWC, IAASSE.

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OBJECTIVE

- To be a specialist professional in the field of IT support, services and administration.

EDUCATIONAL QUALIFICATION

- *M.Tech. Software Engineering*, RGPV University, Bhopal (CGPA: 7.94), Aug 2015.

- *BE-Computer Engineering*, University of Pune. First Class (65.80 %), Aug 2009.

- *Diploma in Computer Technology*, Govt. Polytechnic, Nashik. Distinction (71.14%), June, 2005.

- *S.S.C.*, From Maharashtra State Board. First Class (69.20%), March, 2002.

TRAINING AND CERTIFICATIONS

- Completed Redhat Certified Engineer [RHCE] training.

- Redhat Certified System Administrator [RHCSA], 15th March 2019.

- cPanel Professional Certificate [CPP], 23rd February 2019.

- cPanel & WHM Sales Professional, 23rd February 2019.

TECHNICAL SKILLS - LINUX ADMINISTRATION

- Good knowledge of Linux, installation of Linux, Kickstart installation.

- Linux virtualization – Hypervisor.

- Installation and upgradation of OS, kernel, additional packages using RPM and YUM.

- User administration and password policy management.

- Server configuration NTP, DHCP, DNS, FTP, HTTP, NFS, SAMBA, SSH, iSCSI, SMTP, LDAP.

- Managing SE-LINUX, TCP Wrapper, and firewall-network security.

- Monitoring server performance and application process.

- Disk Partitioning, SWAP, LVM.

- File system management, ACL and backup tools.

- Troubleshooting Linux user and group management.

- Scheduling the jobs and configure crontab.

- Linux networking IPv4, IPv6, port forwarding, and NIC teaming.

- Managing relational database Maria-DB, My SQL.

- Basic knowledge of BASH shell scripting.

- Basic knowledge of AWS Cloud console.

- Managing cPanel, WHM, FileZilla web hosting control panel.

WORK EXPERIENCE – 4 YEARS

- Presently working as System Administrator & Head of Computer Engineering Department at Brahma Valley College of Engineering & Research Institute, Nashik, Maharashtra (India).
    - Period of working: 17th August 2015 to Till Date.
    - Roles & Responsibilities as System Administrator:
        - ✓ Educational Campus website hosting through cPanel and WHM.
        - ✓ Setting up and maintaining the systems and network.
        - ✓ Verify that peripherals are working properly.
        - ✓ Quickly arrange hardware in occasion of hardware failure.
        - ✓ Monitor network and system performance.
        - ✓ Install and uninstall hardware and software.
        - ✓ Setup security policies (Antivirus, Firewall).
        - ✓ User Administration (Setup & Maintaining Account).
        - ✓ Create Lock/Unlock user accounts.
        - ✓ Resetting user passwords.
        - ✓ Monitor Server security and special services.
    - Roles & Responsibilities as Head of Department:
        - ✓ Responsible for all the academic affairs of the Department.
        - ✓ Looks after day to day activities relating to teaching.
        - ✓ Reports to the Principal regarding all the requirements of Department.
        - ✓ Arranges for Guest Lecture/Expert Lectures, Seminars, Workshops, and Conferences etc.

AWARDS & ACHIEVEMENTS

- *Best Teacher of the Year (College Level) 2019* from Dr.P.V.Pawar Innovation and Research Centre, Nashik.
- *Best Professor in Computer Engineering* from Dewang Mehta National Education Awards 2017.
- *Fellow Chartered Member (FBU)* of Ballsbridge University, Dominica.
- Java Certification Course with Distinction from Systems Domain, Nashik.
- *Computer Hardware Maintenance & Networking Training Course* in EDP academy, Nashik.

MEMBERSHIPS

- Computer Society of India- CSI ID: I1504676.
- International Association of Engineers- IAENG ID: 194506.
- International Society for Research and Development- ISRD ID: M4150905619.
- The Society of Digital Information & Wireless Communications- SDIWC ID: 21193.
- International Association of Academicians, Scholars, Scientists & Engineers- IAASSE ID: IAASSE0010206.

EDITORIAL BOARD MEMBER

- IJATES: International Journal of Advanced Technology in Engineering and Science.
- IJARSE: International Journal of Advance Research in Science and Engineering.
- IJEEE: International Journal of Electrical and Electronics Engineers.
- IJSTM: International Journal of Science, Technology and Management.
- IJIRSE : International journal of innovative research in science and engineering.
- SEST: SPVRYAN's International Journal of Engineering Sciences & Technology.

PUBLICATION

1. *Routing Information Recovery With Risk Assessment Of Attacks Using Intrusion Detection System In MANET*, International Journal of Engineering and Technical Research (IJETR) ISSN: 2321-0869, Volume-2, Issue-12, December 2014.

2. *An Intrusion Detection System Algorithm for Defending MANET against the DDOS Attacks*, International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) ISSN: 2321-8169 Volume: 2 Issue: 12, December 2014.

3. *Attribute Based Secure Data Retrieval System for Decentralized Disruption Tolerant Military Networks*, International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) ISSN: 2321-8169 Volume: 2 Issue: 12, December 2014.

4. *Personalized App Service System Algorithm for Effective Classification of the Mobile Applications*, International Journal of Engineering and Technical Research (IJETR) ISSN: 2321-0869, Volume-3, Issue-1, December 2014.

5. *Performance Based Secure Protocol Methodology for Spontaneous Wireless Mobile Adhoc Networks*, International Journal of Engineering and Technical Research (IJETR) ISSN: 2321-0869, Volume-3, Issue-1, December 2014.

6. *Enhanced Trust Aware Routing Framework against Sinkhole Attacks In Wireless Sensor Networks*, International Journal of Engineering and Technical Research (IJETR) ISSN: 2321-0869, Volume-2, Issue-12, December 2014.

7. *Portable Communication Android System for Disable Person*, International Journal of Advanced Research (IJAR), ISSN 2320-5407, Volume 3, Issue 1, January 2015.

8. *Enhanced AODV Routing Protocol Using Leader Election Algorithm in MANET*, International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) ISSN: 2321-8169 Volume: 3 Issue: 1, January 2015.

9. *User Feedback Analysis System using Natural Language Processing and Artificial Intelligence.* International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) ISSN: 2321-8169 Volume: 3 Issue: 9, September 2015.

10. *Broker less System Security with Encryption Based on Uniqueness*, International Research Journal of Engineering and Technology (IRJET) ISSN: 2395 -0056 Volume: 02 Issue: 06, September 2015.

11. *A smart data backup technique for cloud computing using seed block algorithm strategy*, International Research Journal of Engineering and Technology (IRJET) ISSN: 2395 -0056 Volume: 02 Issue: 06, September 2015.

12. *Enhanced Distributed File Replication Protocol for Efficient File Sharing in Wireless Mobile Ad-Hoc Networks*, International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) ISSN: 2321-8169 Volume: 4 Issue: 11, November 2016.

13. *Internet of Things Based - Nashik Smart City*, International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) ISSN: 2321-8169 Volume: 4 Issue: 11, November 2016.

14. *A Novel Approach for Plant Identification*, International Journal of Computer Applications (IJCA) ISSN: 0975-8887 Volume 177 Issue.5, November 2017.

15. *Efficient Bluetooth printing from android application*, Spvryan's International Journal of Engineering Sciences & Technology (SEST) ISSN: 2394-0905, Issue 3 Volume 4, January 2018.

16. *Secure Effective Detection Approach for Detecting Malicious Facebook Application*, International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) ISSN: 2321-8169 Volume: 5 Issue: 3 March 2017.

17. *Mobile Info Gathering with Load Balanced Bundling and Dual Data Uploading in Wireless Sensor Networks*, Spvryan's International Journal of Engineering Sciences & Technology (SEST) ISSN: 2394-0905, Issue 2 Volume 4, January 2018.

18. *Industrial based Smart Emergency Response System for Fire Disaster using IoT,* International Journal of Computer Applications (IJCA) ISSN: 0975-8887 Volume 182 No. 25, November 2018.

19. *Smart Anonymous Authentication Protocol for E-Governance,* International Journal of Computer Applications (IJCA) ISSN: 0975-8887 Volume 181 Issue 38, January 2019.

STTP/FDP/WORKSHOP/SEMINAR PARTICIPATION

- Participation in One Week STTP on Recent Trends in *Computer Networking* under TEQIP at Government College of Engineering, Jalgaon.

- Participation in One Week STTP on *Research Proposal* under ISTE at LoGMIEER, Nashik.

- Participation in Three Days STTP on *Awareness of NBA Accreditation* under SPPU at Government College of Engineering, Avasari.

- Participation in Three Days FDP on *International Business Simulations* at KKWIEER, Nashik.

- Participation in Two Days FDP on *Digital Signal Processing & Applications* at KKWIEER, Nashik.

- Participation in Two Days FDP on *Embedded Operating Systems* at PVG COE, Nashik.

- Participation in Nashik Innovation Fest-2018 as Mentor organized by Sakal Media Group, Nashik.

- Participation in International Conference on Emerging Trends in Engineering & Management Research - ICETEMR'16 at BVCOE & RI, Nashik.

- Participation in *National Android Apps Development Championship* organized by AppsBuzz in association with IIT, Madras at BVCOERI, Nashik.
- Participation in National level paper presentation "ELECTRA-2005", presented Paper on "*Data Warehousing*" at S.V.I.T., Nashik.
- Participation in Workshop on "*Research Methodology*" Sponsored by University of Pune at BVCOE & RI, Nashik.
- Participation as Guide for paper on '*Voice to Braille Printing/Embossing Prototype*' published at Delhi.
- Participated in Seminar on "*Multimedia & Animation Tools*" Sponsored by University of Pune at PREC, Loni.
- Participated in Seminar on "*MATLAB Programming & Applications*" at PIT, Bhopal.
- Participated in year book of ASCII 2005 and secured *Best Article Award* at PREC, Loni.

RESPONSIBILTY/SKILLS

- *Organizer* for *International Conference on Emerging Trends in Engineering & Management Research - ICETEMR'16* on 23rd March 2016 at BVCOE & RI, Nashik.
- *Coordinator* for '*BVCOE&RI Redhat Academy Partner*' by Redhat India Pvt. Ltd.
- *Workshop Coordinator* for ' *Cloud Computing*' by IBM Blue-mix at BVCOE& RI, Nashik.
- *Workshop Coordinator* for '*Workshop on Java Programming & Android Application Developement*' by Technocrats Forum at BVCOE& RI, Nashik.
- *Workshop Coordinator* for 'Three Days *Hands-on Workshop on Web Technology*' by KT InfoTech at BVCOE& RI, Nashik.
- *Workshop Coordinator* for '*Personality Development & Interview Skills*' by Prof. K.K. Dhomase in association with Training & Placement Cell at BVCOE& RI, Nashik.
- *Workshop Coordinator* for '*National Android Apps Development Championship* ' by AppsBuzz in association with IIT, Madras at BVCOE& RI, Nashik
- *Workshop Coordinator* for workshop on '*HADOOP Technology'* by Prygma Information Systems Pune at BVCOE& RI, Nashik
- *Workshop Coordinator* for workshop on '*LATEX Technology'* by Prygma Information Systems Pune at BVCOE& RI, Nashik
- *Workshop Coordinator* for workshop on '*Computer Networking'* by IIHT at BVCOE& RI, Nashik.
- *Workshop Coordinator* for workshop on '*MONGODB & BIGDATA'* by Prygma Information Systems Pune at BVCOE& RI, Nashik.
- *Workshop Coordinator* for workshop on '*Computer Forensic & Wireless Sensor Networks'* by Prygma Information Systems Pune at BVCOE& RI, Nashik.
- *Judge* for *Technical Paper Presentation* of IT-Quest 2018 at KKW Polytechnic, Nashik

COMPUTER SKILLS

- Operating Systems   : DOS, Windows 9x/XP/7/8/10, Ubuntu, Redhat.
- Network   : TCP/IP, Windows Server 2003/2008.
- Languages Known   : C, C++ and Java.
- GUI   : Visual Basic, Advanced Java.
- Web Technologies   : HTML/CSS, PHP, Website Hosting.

PROJECTS

- Diploma   : "Café Controller".
- Degree   : "Application Level Multicasting"
- PG Degree   : "Enhanced AODV Routing Protocol Using Leader Election Algorithm in MANET"

SEMINARS

- Diploma   : XSL (Extensible Style sheet Language).
- Degree   : WINE (Windows Native Environment).
- PG Degree   : Wireless Mobile Ad-hoc Network

PERSONAL DETAILS

Date of Birth   : Nov 19, 1986.

Nationality   : Indian.

Marital Status   : Married.

Languages Known   : English, Marathi, and Hindi.

Permanent Address   : At/Post: Vadner, Tal: Malegoan, Dist: Nashik,

        Maharashtra (India), Pin Code No: 423 206.

I declare that the above information given is true and correct as per best of my knowledge.

Date:

Place: Nashik.   Mr. Sonawane Hemant D.