Resume

Name	: Mr**. Sumahasan Singupuram**
Present Position & Address	: Assistant Professor,
	Department of Computer Science and Engineering
	GVP College of Engineering For Women,
	Kommadi, Visakhapatnam- 530048
	AP, India.
Contact	: **+91-8374656116**
	E-mail : sumahasan@gvpcew.ac.in
Residential Address	: Sri Sai Balaji Residency, SF-1, Teachers Layout,
	Near AP HB Colony, Kommadi,VSP-48.
Permanent Address	: Kasturipadi (Village),Jarjangi(post),Kotabommali (Mandal),
	Srikakulam, Pin-532195, AP, India.
Nationality-Religion	: Indian-Hindu
Motto	: Teach to contribute to build a better Society and Nation.

Academic Qualification

S. No.	Qualification	Institute/University	Year	%	Division
1.	Ph.D (CSE)	JNTUGV	-----	-----	Thesis Submitted on 04-04-2024
2	M.Tech (CSE)	JNTUH	2012	72.53	First Class with Distinction
3	B.Tech (CSE)	JNTUH	2006	68.89	First Class

PhD Details:

Title of the Ph.D Thesis	Secure and Efficient Transmission of Healthcare Sensory Data in Cloud Assisted-IoT : A Node Level Approach
Area of Specialization	Edge Computing
Details of Guide	**Details of Supervisor:** Dr. D.Rajya Lakshmi M Tech., Ph.D., Professor of CSE , Incharge Vice-Chancellor, JNTU-GV, Gurajada, Vizianagaram-530003.

Achievements:

- Qualified **GATE** in 2007 and Secured **AIR**-**2914**.

- Qualified Andhra Pradesh State Eligibility Test (**APSET**)-2019

- Ratified as Assistant Professor in CSE Department from JNTUK through GVPCEW, Visakhapatnam in 2014

Teaching Experience: 18 Years

| S. No. | Work Period | | Organization / Institution | Position Held |
	From	To		
1.	June,2010	Till Date	GVPCEW, Visakhaptnam	Assistant Professor
2.	Dec,2007	March,2010	DRKIST, Hyderabad	Assistant Professor
3.	June,2006	Nov,2007	MEC, Hyderabad	Assistant Professor

Subjects Taught:

1. Computer Networks	2. Cryptography and Network Security	3.Cloud Computing
4. Programming for Problem Solving using C	5. Python Programming	6. Data Structures Using C
7. Operating Systems	8. Digital Logic Design	9. Computer Organization
10. FLAT	11. Information Security	12. Network Programming
13. FCS	14. Advanced Computer Networks	15.Data Base Management Systems
16. COA	17. Software Engineering	18. Data Communications
19. ANN	20. C Programming	21.Information Retrieval Systems
22. Fault Tolerance Systems	25. Distributed Operating Systems	26. Telecommunication Switching Systems
27. E-Commerce	28. Distributed Systems	

Certification Courses:

S. No	Certification	Duration	Course Name	Score
1	**NPTEL**	Twelve Weeks	*Operating Systems*	75%

Research Publications:

1. Published a paper on "**Deep Learning Approach for Emotion Recognition Using EGG Signals**." in Solid State Technology journal, Vol. 67, Issue. 5, Oct. 2024.

2. Published a paper on "**Object Detection using Deep Learning Algorithm CNN**" International Journal of Computer Science and Network Security, VOL.24 No.5, May 2024.

3. Published a paper on "**An Optimized Node Level Lightweight Security Algorithm for Cloud Assisted IoT**." International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169, Vol.11, Issue. 9, Aug. 2023.**(Scopus, Web of Science)**

4. Published a paper on "**Deep learning based Brain Tumor Detection: Comparative Evaluation of Transfer learning Architecture in MRI Analysis**." International Journal of Management Technology and Engineering, ISSN: 2249-7455, Vol.12, Issue. 6, June. 2023.**(Scopus, Web of Science)**

5. Published a paper on **"A Node Level Security Algorithm for Cloud Assisted IoT"**, NeuroQuantology Journal, Vol. 20, Issue. 11, Sep. 2022 **(Scopus)**

6. Published a paper on "**Prvacy Preserving Clod Storage in MIOT Using Hybrid Cryptographic Algorithm**" in Solid State Technology journal, Vol. 64, Issue. 2, Oct. 2021.

7. Published a paper on **"Content Based SMS Messages Classification using NLP and ML"** International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) ISSN: 2394 – 2320, Volume-8 Issue-3, February 2021.

8. Published a paper on "**Finest round robin scheduling algorithm using effective time quantum"**, **in *JOSETT*, 2013.**

9. Published a paper on "**Implementation of Conditional Shortest Path Routing using Conditional Inter meeting time in Delay Tolerant Networks**", International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181 (online)Vol. 1 Issue 6, August - 2012.

National/International Conferences:

1. **S. Sumahasan**, (2023) presented a paper on National Conference on Recent Advancements in Science and Engineering (RAiSE-23) organized by Gayatri Vidya Parishad College of Engineering for Women, Visakhapatnam, 5 th & 6 th August 2023.Title – Comparative Study of Classifiers For Monitoring Fake Reviews of Online Products using Opinion Mining.

Patents:

- **S. Sumahasan** published a patent on "**Personalized recommendation systems enhanced by natural language processing capabilities"** on 13/10/2023 Application Number: 202311062490

Guest Lectures:

- Delivering Guest Lecture on "Cryptography and Network Security for III B.Tech Students at Simhadri Educational Society Group of Institutions.

Professional Memberships:

1. Association of Computer Machinery (**ACM**-0145024).
2. Computer Society of India (**CSI**- F8004497)

List of FDP'S/Workshops Attended:

1. A Three Days Workshop on **"Cryptology & Cyber Security"** Organized by both Department of Computer Science and Engineering & Department of Electronics and Communication Engineering , GVP College of Engineering for Women, Madhurawada, Visakhapatanm Andhrapradesh, India from 22nd March to 24 th March, 2018

2. A Three Days Workshop on **"Biological Inspired Computing& Applications"** Organized by Department of Computer Science & Engineering, GVP College of Engineering for Women, Madhurawada, Visakhapatanm Andhrapradesh, India from 9th March to 11th March, 2018

3. A Five Day FDP on **"Analytics Using R"** Organized by Department of Computer Science & Engineering, GVP College of Engineering for Women, Madhurawada, Visakhapatanm Andhrapradesh, India from 13th November to 17th November, 2017.

4. A Three Day FDP on **"Big Data and Hadoop"** Organized by Department of Computer Science & Engineering, GVP College of Engineering for Women, Madhurawada, Visakhapatanm Andhrapradesh State, India from 26th February to 28th February, 2016

5. A One Week FDP on **"Java Fundamentals and Programming"** Organized by Department of Computer Science & Engineering, GVP College of Engineering, Madhurawada, Visakhapatanm Andhrapradesh State, India from 13th February to 19th February, 2016.

6. A Three Days Workshop on **"Internet of Things"** Organized by Department of Computer Science & Engineering, GVP College of Engineering, Madhurawada, Visakhapatanm Andhrapradesh, India from 21st October to 23rd October, 2016.

7. A One Week Workshop on **"Pervasive and Mobile Computing"** Organized by Electronics & ICT Academy and Department of Computer Science and Engineering, NIT-W, Warangal Dist Telangana, India from 24th Nov to 3rd Dec 2015.

8. A Two Days Workshop on "**Android Application Development**" Conducted by Geekslab Technologies pvt Limited at GVP College of Engineering for Women, Madhurawada, Visakhapatanm Dist Andhra pradesh, India from 15th March to 16th March, 2014.

9. A Ten Days FDP on "**Advanced Web Technologies**" Conducted by C-DAC and JNTUH, Hyderabad Dist Andhra pradesh, India from 20th Jan to 30th Jan, 2014.

10. A Five Day National Workshop on "**Machine Learning and its applications**" Organized by GVPCE-A and TCS, Visakhapatanm Dist Andhrapradesh State, India from 3rd -7th August 2020.

11. A Five Day FDP on "**Emerging Trends in the Application of Machine Learning**" Organized by **GMRIT** on 20th -24th July, 2020.

12. A One Week FDP on "**Advanced Python for Enterprise Applications"**, organized by **JNTUK** on 10th - 16th June, 2020

13. A One Week FDP on "**Block chain and It's Applications"**, organized by **GMRIT** on 10th - 16th June, 2020

14. A Five Day FDP on "**Applications of Image processing and ML",** Organized by the department of Computer Science & Engineering (CSE), GVPCEW on 22nd - 26th June, 2020.

15. One Week National Online Faculty Development Program on "**Mathematical Elements In Engineering And Applied Sciences**"2020, Organized by Department of Basic Sciences & Humanities, GVPCEW,Madhurawada, Visakhapatnam from 21st to 25th July 2020.

16. A Five Day Virtual FDP on **"Presentation Skills"** Organized by ICT Academy on 22nd to 26th June, 2020.

17. A Three Day National Webinar on "**Data Science and AI"** organized by SCOCS on 6th to 8th August 2020.

18. A One Day National Webinar on "**Cryptography and Network Security"** Organized by GVPCEW, Madhurawada, Visakhapatnam on 4th June 2020.

19. A One Day National Webinar on "**Industrial Automation**" organized by CEMS on 15th July 2020.

20. A One Day National Webinar on "**Improving the Skill Set & Changing the Attitude"**, Skycampus on 5th June 2020.

21. A One Day National Webinar on "**Future of Education"**, ICT Academy on 18th June 2020.

22. A Five Day Workshop on "**Fight Covid-19 Using IOT"** Organized by Department of ECE, GVPCEW on 06th to 10th July 2020

23. A One Day Webinar on "**Data Science"** organized by GVPCEW, Madhurawada, Visakhapatnam on 12th June 2020.

24. Webinar on **"Lecture-1 Introduction to Data Science"** organized by Department of Computer Scienceand Engineering, GVPCEW, Kommadhi, Visakhapatnam on 13th June 2020.

25. A Two Day National Webinar on **"IoT Security"** organized by ISEA-CDAC, Hyderabad on 28th and 29th August 2020.

26. Webinar Series Lecture-2 on **"Basics of Machine Learning"** organized by Department of Computer Science and Engineering, Gayatri Vidya Parishad College of Engineering for Women, Kommadhi,Visakhapatnam on 20th June 2020.

27. Webinar on "**IoT and its Applications"** organized by Gayatri Vidya Parishad College of Engineeringfor Women, Kommadi, Visakhapatnam on 20th June 2020.

28. Webinar on "**Data Science Lecture-3"** organized by Gayatri Vidya Parishad College of Engineering for Women, Kommadi, Visakhapatnam on 27th June 2020

29. A Five Days International FDP on **"Cyber Security Essentials"** Organized by ICT Academy,from2 3 - 2 7 Augt,2021.

30. A One Week International Workshop on **"Introduction to Machine Learning and Deep Learning (Hands-on)"** Organized by JNTUGV(A), Vizianagaram, from July 31-Aug 5,2023.

31. A Three Days FDP on "**Agile Methodologies and DevOps**", Organized by the GVPCEW on 10th -11th and 15th June, 2024.

Administrative Experiences/Other Activities:

1. Department Coordinator for **Training and Placements** in GVP College of Engineering for Women,Visakhapatnam.
2. Mr.S.Sumahasan has been appointed as **SPOC** from GVPCEW for **Infosys Springboard Platform 2022.**
3. Mr.S.Sumahasan has been appointed as **SPOC** from GVPCEW for **LinkedIn Premium access Program 2023.**
4. Coordinator for **Lecture Series-1 on Quantum Computing** conducted on 3rd-5th July 2024 at GVPCEW, Visakhapatnam.
5. Taught **CRT** Classes on **Arithmetic and Reasoning** for IV-B.Tech Students in GVPCEW, Visakhapatanm.
6. Taught **GATE** Classes on **Computer Networks and Operating Systems** for IV-B.Tech Students in GVPCEW, Visakhapatanm.
7. Department Coordinator for **NAAC Criteria-4**
8. Department Coordinator for **NBA Criteria-6**
9. Mr.S.Sumahasan has been appointed as **CSI Student Branch Counsellor**
10. Department Coordinator for **Computer Laboratories**
11. Organized a Three day Workshop on **Biological Inspired Computing & Applications** by Department of CSE, GVPCEW, Madhurawada, Visakhapatanm, Andhrapradesh, India from 9th March to 11th March, 2018. The Coordinators are **Mr.S.Sumahasan** from CSE Department and **Dr. D K Beberta** from IT Department.
12. Organizing Committee Member in **WCCS-2018** Workshop Conducted at GVP College of Engineering for Women.
13. Coordinator for **IV B.Tech Projects** in GVP Womens, Visakhapatnam.
14. Organizing Committee Member in **Hadoop & Big Data -2015** Workshop Conducted at GVP College of Engineering for Women.
15. S.Sumahasan, has been appointed as a **Treasure**r for **GVPCEW Staff Club** on 5th Sep 2013.

Declaration:

I do here by declare that, the information and the details furnished above are true and correct to the best of my Knowledge.

Date: 19-11-2024
Visakhpatnam   **Mr. S.Sumahasan**