Sathish R

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Profile Summary

A qualified educational professional with ten years of teaching experience seeking for a position as an assistant professor in a reputed institution to explore my knowledge for the improvement of the students which in turn benefits the institution. I look up myself as a self-motivated individual with strong technical and management skills. I am an effective team player with strong communication and technical skills.

Education

2018 – present BIT, Sathyamangalam, India.	**(PhD) - ICE,** *Anna University, Chennai.*
2011 – 2013 BIT, Sathyamangalam, India.	**M.E - Software Engineering [Firstclass with Distinction - 8.74 CGPA],** *Anna University, Chennai.*
2006 – 2010 REC, Perambalur, India.	**B.Tech- Information Technology [Firstclass - 70%],** *Anna University, Chennai.*

Professional Experience

06/2018 – present Coimbatore, India	**Assistant Professor,** *KGiSL Institute of Technology*
05/2015 – 06/2018 Coimbatore, India	**Assistant Professor,** *Adithya Institute of Technology*
06/2013 – 04/2015 Trichirapalli, India	**Assistant Professor,** *Shivani Engineering College*
2010 – 2011 Bangalore, India	**Malware Analyst,** *Dell Corporation Private Limited*

Interests

Computer Vision
worked CV libraries like opencv, facerecognition , FaceNet, tensorflow, keras, DeepFace, etc.,

Machine Learning
Worked in ML Algorithms for various applications

IOT
Developed projects in IoT integrated with Machine Learning

Digital Marketing
Completed certifications in digital marketing and worked in real-time projects

Awards

2022	**Silver Badge,** *KGiSL Institute of Technology*
2021	**Bronze Badge,** *KGiSL Institute of Technology*
2017	**Best Employee,** *Adithya Institute of Technology*

Projects

2022	**Face Search,** *Search the Particular face on the video*
2022	**Air Quality Checking on Volvo Vehicle,** *Inside the Volvo Trucks to analyze the air quality using Rasperry Pi*
2022	**CV Receptionist,** *Identify the Face and Calculate the Person Count*
2021	**Face Recognition on Identical Twins,** *Face Recognition on Identical Twins*
2020	**Smart Attendance System,** *Biometric Based Attendance*
2020	**Number Plate Recognition System,** *Recognize the Number Plate on Vehicles*
2019	**University Result Prediction,** *Predict the University Grade based on statistical data*
2018	**CO/PO Attainment Calculator,** *Attainment Calculation*
2017	**Remote Monitoring of CNC Machines Workload,** *Monitor the CNC Machines Operation and Predict the Target using Intel Galileo IOT Board*
2016	**Smart Trolley,** *Automatic Bill Calculation using Intel Galileo Board*
2015	**Smart Reader for Blind Peoples,** *Smart Reader for Blind Peoples*

Skills

Programming Languages
C, C++, Python, Biopython

IDE
Jupyter Notebook, Anaconda, Netbeans

Front End
HTML, CSS

Scripting Languages
PHP

Software Exposure
Node-Red, MATLAB, NS2

IoT Kit
Rasperry Pi, Intel Galileo, Aurdino

Cloud Tools
Heroku, Think Speak, Google Cloud (IO, AI.API), Web Hook

Databases
Oracle, MS Access, SQL, NoSQL

Operating System
Kali Linux, Ubuntu, Microsoft Windows

Multimedia
Coreldraw, Photoshop, Aftereffects, Adobemaster Collection

Conference and Journal Publications

05/2020	**Survey on choosing social media for advertising,** *International Journal of Scientific Research in Engineering and Management*
05/2020	**Survey on Text Alikeness in natural Language Processing,** *International Journal of Scientific Research in Engineering and Management*
02/02/2019	**A Survey on Blockchain Technology,** *International Journal for Science and Advance Research In Technology (IJSAR)*
12/02/2019	**A Survey on Lung Cancer Prediction Using ML Algorithms,** *International Journal for Scientific Research and Development (IJSRD)*
23/01/2019	**A complete survey on communities and interactions in social media mining,** *International Conference on Computer Communication and Informatics (ICCCI 2019), IEEE Digital Xplore, Shakthi Institute of Engineering and Technology*
01/2019	**Claim Registration Using Robotic Process Automation – A Survey,** *International Journal of Scientific Research and Engineering Development(IJSRED)*
03/2017	**Real Time Data Collection and Analytics of Social Media Sites Using Netlytic,** *Middle-East Journal of Scientific Research*
05/2016	**A survey on Optimal Distribution system for GPS and GEO based shipment tracking in Wireless Sensor Networks,** *International Journal of Innovative Research in Computer and Communication Engineering*
06/04/2013	**Dynamic Detection of Clone Attack in Wireless Sensor Networks,** *International Conference on Communication Systems and Network Technologies, CSNT 2013, IEEE digital Xplore*
12/04/2013	**Time Monitoring and Modeling of Network Behavior for Enriched Security,** *National Conference on Recent trends in Information and Communication Technology, RTICT 2013, Bannari Amman Institute of Technology, Sathyamangalam*

25/03/2013	**Proficient Algorithms for Replication Attack Detection in Wireless Sensor Networks – A Survey,** *International Conference on Emerging Trends in Computing, Communication and Nanotechnology, ICE-CCN 2013, IEEE digital Xplore, Jesus College of Engineering and Technology, Thoothukudi*
03/2013	**Mitigation of Replication Attack Detection in Clusters through a Mobile Agent in Wireless Sensor Networks,** *International Journal of Engineering Research and Applications (IJERA)*
03/09/2012	**A Survey on Efficient Algorithms for Clone Attack Detection in Wireless Sensor Networks,** *International Conference on Innovations in Engineering and Technology, IETSD 2012, Bannari Amman Institute of Technology, Sathyamangalam*
02/04/2012	**Review on Security Attacks and Detection Mechanisms in Wireless Sensor Networks,** *National Conference on Recent trends in Information and Communication Technology, RTICT 2012, Bannari Amman Institute of Technology, Sathyamangalam.*
10/04/2012	**Reliable Communication in P2P Networks Aiming Towards Green Computing,** *National Conference on Green Computing, NCGC 2012, Annapoorana Engineering College, Salem*

Guest Lectures Taken

2018	**Machine Learning Technique,** *NLP Polytechnic*
2018	**Internet of Things (IoT),** *Karur Government Polytechnic*

Certification and Membership

Member of International Association of Engineers (IAENG)

Member of International Computer Science and Engineering Society (ICSES)

Cisco Certified Network Associate (CCNA)

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Sathish R
Coimbatore