# RESUME

**ARUN KUMAR S** No: 77, 3rd CROSS

 PARIMALA NAGAR

NANDINI LAYOUT BANGALORE – 560096

[aarunkumar889@gmail.com](mailto:aarunkumar889@gmail.com)

9448475177

# OBJECTIVE

I am an inquisitorial person intending to work in a challenging environment which will help to increase my analytical and creative thinking.

# EDUCATION QUALIFICATION

* Pursuing **PhD** from SRM University – Kattankulathur, Chennai - from June 2021
* **M.Tech (IT- Networking)** from **VIT University-Vellore**, with **CGPA: 7.88** in 2013.
* **Bachelor of Engineering (INFORMATION SCIENCE)** from SAPTHAGIRI COLLEGE

COLLEGE OF ENGINEERING, Bangalore under VTU, Belgaum with **64.20%** in 2011.

* **PUC-II** from Kurinji Matriculation Higher Secondary School, Namakkal, with **69.08%** in 2007.
* **SSLC** from **Sri Vidya Mandir** Matriculation Higher Secondary School. **Uthangarai,** with **79.18%** in 2005.

# EXPERIENCE

* + Worked as **Data Analyst & Software Engineer** in **Plymech Industries** from 20th January 2014 to 31st July 2017, Bangalore
  + Worked as **Assistant Professor** in the department of **Computer Science & Engineering** in Sapthagiri College of Engineering from 9th August 2017 to 29th June 2019, Bangalore
  + Worked as **AI Scientist & Product Developer** in iAssist Innovation Lab ( iAIL ) from 1st July 2019 to 13th February 2021, Bangalore
  + Working as **Assistant Professor** in the department of **Computer Science & Engineering** in NAGARJUNA College of Engineering & Technology from 15th February 2021, Bangalore

# PATENTS

* + TITLE: **MALWARE DETECTION MODEL FOR ANDROID USING MACHINE LEARNING,** Indian Patent filed on 18/08/2021 (Application No: 202111037434), published on 03/09/2021.
  + TITLE: **AN INTERNET OF THINGS BASED COVID SPREAD PREVENTION SYSTEM AND ITS METHOD THEREOF,** Australian Patent filed on 18/08/2021 (Application No: 2021105264), Granted on 10/08/2021.
  + TITLE: **AN INTELLIGENT ANTITHEFT DEVICE FOR ELECTRICAL VEHICLE,** Indian Patent filed on 08/11/2021 (Application No: 352805-001).
  + TITLE: **AI, ML BASED TRAFFIC INFORMATION DETECTION AND REAL TIME POTHOLE DETECTION SYSTEM,** Indian Patent filed on 10/02/2022 (Application No: 20224100198), Published on 18/02/2022.

# CERTIFICATION

* Professional certification Program from **IBM** on **IBM SPSS MODELER PROFESSIONAL v3.**
* Completed a course certified on **BIG DATA MICRO MASTER PROGRAM** in Edunextgen Company, Bangalore
* Completed the **Foundation & Associate Developer Training** as part of **BLUE PRISM ACADEMIA PROGRAM** in the field of **Robotic Process Automation**, Bangalore
* Completed Uipath - RPA Design And Development V3.0 - Educator Readiness Program 2021

# RESOURCE PERSON

* + FDP on “IoT Applications”, organized by Sapthagiri College of Engineering, on 26/02/2021.

# INTERNSHIP

* Completed **Python Django** internship from 4th September 2021, till 10th October 2021 at Gowri Software Solutions Pvt. Ltd, Vijayanagar, Bangalore

# REVIEWER/EDITOR

* Journal of Institute of Scholars.
* Blue Eyes Intelligence Engineering and Sciences Publication
* Lattice Science Publication

**AWARD / RECOGNITION**

* + Best **Researcher Award** in Machine Learning, Artificial Intelligence by RULA International Innovation & Betterment Excellence Award, 2018
  + **Research Excellence Award** by Institute of Scholars ( InSC ), 2021
  + **Best Performing Educator** RPA Riders – 2021
  + **Certificate of Appreciation** for Excellent Contribution to RPA Riders 2021
  + **Appreciation Certificate** of Session Coordinator - 2nd Global Conference For Advancement in Technology (GCAT) during 1st & 3rd October 2021
  + **Best Young Scientist Award** by Novel Research Academy, 2021

# WORKSHOP/SEMINARS ORGANIZED

* + Volunteering **Android Amaze**, **VIT** Chennai – 21st & 22nd March 2015
  + Volunteering International Symposium On **Big Data And Cloud Computing**

Challenges, **VIT** Chennai – 27th & 28th March 2014

* + Organized **Critical Infrastructure And Information Security [CIIS], VIT** Chennai – 24th April 2013
  + Organized & Coordinated **Network Simulator For Wired And Wireless Networks – Qualnet, VIT** Vellore **–** 21st & 22nd March 2013
  + Organized & Coordinated **MACHINE LEARNING & ITS APPLICATIONS, NCET**

- 8th May 2021

* + Organized & Coordinated **Industry Expert Talk with Hands-on Session on Data Analytics**, NCET, 27th November 2021

# PUBLICATION DETAILS

1. Effective Anonymous Imperceptible Secure Re-Active Routing (ISRR) Protocol For Manet, International journal of Engineering and Technology , Vol 5 No 3 Jun-Jul 2013
2. Asymmetrically Secured EGMP Over MANETs, International journal of Engineering and Technology, Vol 5 No 3 Jun-Jul 2013
3. An Efficient And Secure Intrusion Detection Method In Mobile Adhoc Network Using Intuitionistic Fuzzy, International journal of Engineering and Technology, Vol 5 No 3 Jun-Jul 2013
4. Secure Data Transmission in MANET using Hybrid RSA Algorithm, International Journal Of Engineering Research & Technology ( IJERT ), Vol.7,Issue 06, June – 2018
5. Frame For Analysing Stress Using Deep Learning, International Journal Of Advance Research, Ideas And Innovations In Technology ( IJARIIT ), Vol.4,Issue 3, June – 2018
6. Analysis of Network Traffic And Security Through Log Aggregation, International Journal Of Computer Science And Information Security ( IJCSIS

), Vol.16, Issue 06, June – 2018

1. To Enhance The Privacy Protection In Mobile Ad Hoc Networks Using JBATS Protocol, International Journal Of Advance Research, Ideas And Innovations In Technology( IJARIIT ), Vol.4,Issue 6, Nov - Dec – 2018
2. Survey on Intelligent Answering System using Similarity Model based Learning, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 7 Issue V, May 2019.
3. HoneyPass: A Shoulder Surfing Resistant Graphical Authentication System using Honeypot, International Journal for Research in Applied Science & Engineering Technology (IJRASET),Volume 7, Issue V, May 2019.
4. A Survey On Analysing Weather Change on Pollution in Urban Regions, International Journal of Research and Analytical Reviews ( IJRAR ), Volume 6, Issue 2, May 2019.
5. Detecting and Analysing Urban Regions with High Impact of Weather Changes on Pollution, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 7, Issue V, May 2019.

# BOOK CHAPTERS

1. A survey on Graphical Authentication System Resisting Shoulder Surfing Attack, Advances in Artificial Intelligence and Data Engineering, Book Chapter, Vol 1133, PP 761 – 770, Springer, August 2020.

# WORKSHOP/SEMINARS/FDP’s ATTENDED/PRESENTED

* + Workshop On **The Internet of Things** at Sapthagiri College Of Engineering , Bengaluru

– 12th & 13th October 2018

* + **Hands-On Training Programme on Soft Computing Using Matlab** – Anna University MIT Campus Chennai – 09th to 11th October 2015
  + Workshop On **Cyber Security : Issues & Challenges, VIT** Vellore – 01st & 02nd March 2013
  + Workshop On **Networking And Data Virtualization**, **VIT** Vellore – 22nd February 2013
  + Workshop On **iSense Wireless Sensor Networks, VIT** Chennai – 23rd January 2015
  + 4th International Conference On **Science Engineering And Technology, VIT** Vellore - 03rd & 04th May 2012
  + Workshop On **Web Services And Hibernate, VIT** Vellore - 10th September 2011
  + 3rd International Conference On **Science Engineering And Technology, VIT** Vellore – 17th & 18th November 2011
  + Workshop On **The internet of things** conducted by Geekslab Technologies Pvt.Ltd at Sapthagiri College of Engineering on 12th & 13th October 2018
  + FDP On **Big Data Analytics** at New Horizon College Of Engineering from 21st to 25th January 2019
  + National Level **Technical Symposium** at Sapthagiri College of Engineering on 26th April 2019
  + 14th National Conference On **Integrated Intelligent Computing, Communication & Security** on 4th may 2019 at SJB Institute Of Technology
  + FDP On **Android Developer Fundamentals** in SJCIT From 28th August to 1st September 2017
  + **“RPA Boot camp”,** A 3 Days Training Program on **Robotic Process Automation**, conducted by Smart Bridge Educational Services Pvt Ltd in association with Blue Prism University from 30th March 2021 to 01st April 2021
  + **Blue Prism Foundation Training** by Blue Prism University on 12th April 2021
  + Faculty Development Program on Research Perspectives on **Data Science and Deep Learning at New Horizon College of Engineering** from 12th July 2021 to 16th July 2021
  + Faculty Development Program on Research Perspectives on **Quantum Information System and Machine Learning** **at MSRIT** from 23rd to 27th August 2021.
  + National Workshop on “**Artificial Intelligence and Machine Learning Application in Healthcare**”, at SRM Institute of Science and Technology Kattankulathur held on 16th & 17th, September 2021.
  + International Conference on the theme of **Role of Innovation & Entrepreneurial Skills to get Success in 21st Century World of Work**, organized by K.I.T.E.S, held on 25th September 2021
  + National level webinar on **“Deep Learning for Natural Language Processing”** organized by Centre of Excellence for Intelligent Human Computer Interaction, Research Centre-PG, Department of Master of Computer Application, CMR Institute of Technology, Bengaluru-37, On Tuesday, 28thSeptember,2021
  + One Day **IET Sponsored National Workshop on Virtual Reality Applications** On 18th December, SRM University – Chennai, 2021
  + FDP Program on “**Emerging Trends in Science and Engineering**” held from 14th -18th February, 2022 at Regional College for Education Research and Technology, Jaipur.
  + FDP Program on “**Emerging Tools**” held from 28th March 2022 - 1st April 2022 at Dr. Ambedkar Institute of Technology in collaboration with IBM India Pvt. Ltd. Bangalore.

# PROFESSIONAL MEMBERSHIP

* + ISTE - The Indian Society For Technical Education (LM 124237)
  + IJRULA - International Journal For Research Under Literal Access (RULE008)
  + IAENG - International Association of Engineers (216453)
  + InSC - Institute of Scholars (InSc202106230)
  + IEDRC - International Economics Development and Research Center (30080648)
  + IFERP - Institute For Engineering Research And Publication (PM03741682)

# PERSONAL PROFILE

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| --- | --- | --- |
| Name | : | ARUN KUMAR S |
| Father’s Name | : | SELVAM K |
| Date of Birth | : | 14th JUNE 1988 |
| Marital Status | : | Married |
| Sex | : | Male |
| Nationality | : | Indian |
| Languages Known | : | English, Tamil, Telugu, Kannada |
| Hobbies | : | Listening to music, playing cricket, chess, reading books, Exploring new |
|  |  | Technologies (Virtual Reality, Sensors, AI, Machine learning, Robotics) |

**DECLARATION**

I hereby declare that all information mentioned above is correct to the best of my knowledge.



# Date:

**Place:** Bangalore (**ARUN KUMAR S)**