Anil Kumar Muppalla

CONTACT INFORMATION	#102, 3rd Main, 10th Cross, Lakshmaiah Block, Ganganagar, Bangalore - 560024, India	*Mobile:* +91-8861001821 *E-mail:* anil@msrit.edu *E-mail:* anil.kumar.848@gmail.com

INDUSTRY AND ACADEMIC APPOINTMENTS

Director and CEO   April 2013 to present
iMaGs Technological Solutions Pvt. Ltd. , Bangalore, India
- Business Development in education and advertising markets
- Design/Development of Educational Analytics(VidyaLytics) product for educational institutions.
- Design/Development of low cost Learning Management System(LMS) with focus on complete on-line course and exam system.
- Design/Development of e-marketing platform for advertising institutions.

Senior Research Fellow   March 2012 to March 2013
M S Ramaiah Institute of Technology, Bangalore, India
- Supervisor: Professor K.G Srinivasa
- Focus: Internet of Things: Design and Development of Framework for IOT research.
- Focus: Using Data Mining and Machine Learning Approaches to improve Intrusion Detection Systems
- **Teaching Assistant** for course: Parallel Programming using CUDA.
  - Mentor for course projects and creation of practice manual.
  - Responsible for lecture and supervision of laboratory.

Application Developer   July 2011 to March 2012
CM Team, Texas Instruments, Bangalore, India
- Design, Develop and Maintain tools/scripts that provide data management solutions for implementing effective configuration management methodologies across various digital IC design teams within various business units of Texas Instruments.

EDUCATION

M S Ramaiah Institute of Technology, Bangalore, India
Autonomous, affiliated to Visvesvaraya Technological University, Belgaum, India
B.E., Computer Science and Engineering, June 2011   GPA: 8.96 (10.0 scale)

AUTHORED BOOK

Guide to High Performance Distributed Computing, Computer Communications and Networks series, Springer, 2015

REVIEWER

- *International Journal of Intelligent Systems Technologies and Applications (IJISTA)*
- *Parallel Processing Letters, PPL'13*
- *International Journal of Grid and Utility Computing, (IJGUC)*
- *Fourth International Conference on Communication Systems and Network Technologies 2014 (CSNT 2014)*

BOOK CHAPTERS

[1] Malavika Jayanand, **Anil Kumar Muppalla**, K. G. Srinivasa, G. M. Siddesh. Big Data Computing Strategies In: *Handbook of Research on Securing Cloud-Based Databases with Biometric Applications*, IGI Global, 2015. 1-434. Web. 28 Oct. 2014. doi:10.4018/978-1-4666-6559-0

[2] **Anil Kumar Muppalla**, Pramod N, K G Srinivasa. Efficient Practices and Frameworks for Cloud based Application Development In: *Software Engineering Frameworks for Cloud Computing Paradigm*, Springer 2012, doi:10.1007/978-1-4471-5031-2_14

[3] Pramod N, **Anil Kumar Muppalla**, K G Srinivasa. Limitations and Challenges in Cloud based Application Development In: *Software Engineering Frameworks for Cloud Computing Paradigm*, Springer 2012, doi:10.1007/978-1-4471-5031-2_3

[4] Srinivasa, K.G., Harsha R, Kumar N. Sunil, Arhatha B, S.C. Abhishek, Raddi C.S. Harish and **Kumar M. Anil**. Weather Nowcasting Using Environmental Sensors Integrated to the Mobile In. *Mobile Computing Techniques in Emerging Markets: Systems, Applications and Services* IGI Global, 2012. Web. 4 Jan. 2012 doi:10.4018/978-1-4666-0080-5.ch007

[5] Srinivasa, K.G., Vijayendra R, Raddi C.S. Harish and **Kumar M. Anil**. GSM: Future Viable Option for Interacting with Real-World Entities In. *Mobile Computing Techniques in Emerging Markets: Systems, Applications and Services* IGI Global, 2012. Web. 4 Jan. 2012 doi:10.4018/978-1-4666-0080-5.ch011

JOURNALS

[6] K.G., Srinivasa, **Anil Kumar Muppalla**, Bharghava Varun A. and Amulya M. MapReduce Based Information Retrieval Algorithms for Efficient Ranking of Webpages In. *IJIRR* 1.4 (2011): 23-37. Web. 6 Nov. 2012.10.4018/978-1-4666-0080-5.ch007 doi:10.4018/ijirr.2011100102

INTERNATIONAL CONFERENCES

[7] Aman Vora, **M. Anil Kumar**, K. G. Srinivasa, Low Cost Internet of Things based Vehicle Parking Information System In: *Proceedings of the 6th IBM Collaborative Academia Research Exchange Conference (I-CARE) on I-CARE 2014*, ACM, New York, NY, USA.

[8] Srinivasa K G, **Anil Kumar Muppalla**, Bhargava Varun, Amulya M. Efficient Cloud based Information Retrieval algorithms using MapReduce framework, In: *International Conference on Advanced Computing, Networking and Security* (ADCONS 11), LNCS, Springer

[9] Manjunath M, K G Srinivasa, **Anil Kumar Muppalla**. Fast Pattern Matching Approach for Network Intrusion Detection Systems In: *Emerging Research in Electronics, Computer Science and Technology, Lecture Notes in Electrical Engineering 248*, Springer India 2014, doi:10.1007/978-81-322-1157-0_39

[10] Thara K L, K G Srinivasa, **Anil Kumar Muppalla**. Pattern Matching for Fragmented Packets in Intrusion Detection Systems In: *First International Conference on Future Computing* (ICFC 2012), Narosa

GRANTS

Research on Low Cost Smart System to Manage Traffic and Movement of Emergency Vehicles, 2010 IEEE Humanitarian Challenge, September 2010 to November 2010.

EXTRA-CURRICULAR

- Co-ordinator and Treasurer for Vrglinug, MSRIT Linux Group, 2010-2011
- Co-ordinator IEEE Student Chapter, MSRIT, 2010-2011