

EDUCATION

MS in CS (1st Year) **Georgia Institute of Technology, USA** **August 2015 – December 2016**

- Computing Systems Specialization
- Graduate Coursework (Fall 2015) : Advanced Operating Systems; Computer Networks; Real Time Systems

BE in CSE, GPA: 8.96/10 **M S Ramaiah Institute of Technology, India** **August 2007 – July 2011**

- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Computer Networks; System Software; Comp. Architecture; Engineering Entrepreneurship; Cloud and Distributed Computing; Software Engineering

EMPLOYMENT

Graduate Research Assistant **Georgia Institute of Technology, USA** **August 2015 – Present**

- Design and development of data analytics engine as part of the Big Data and Learning Analytics team with Vertically Integrated Projects division; Evaluation of MOOCs data [In-Progress].
- Currently mentoring 6 UG students.

Co-Founder and CEO **IMAGS Technological Solutions, India** **January 2014 – June 2015**

- Design and development of data management and analytics solutions for educational institutions providing effective course management and student analytics. Technologies: Ruby on Rails, JavaScript

Senior Research Fellow, CS **M S Ramaiah Institute of Technology, India** **March 2012 – December 2013**

- Research Focus on : Distributed Systems like Hadoop, Spark, Scalding and Cloud Computing
- Led the effort in setting up dedicated cluster computing R&D lab using Hadoop.
- Conducted hands-on workshop on Hadoop and Spark for a class of 60 UG students at Reva institute of Technology and Management
- Teaching Assistant for course: Parallel Programming with CUDA; mentored course projects and Lab Instructor

Application Developer **Texas Instruments, India** **July 2011 – February 2012**

- Developed and maintained tools that provide data management solutions for implementing effective configuration management methodologies across several IC design teams. Technologies : Python, Clearcase

TECHNICAL EXPERIENCE

Co-Authored Book

- Guide to High Performance Distributed Computing, case studies with Hadoop, Scalding and Spark. Published by Springer, 2015.

Projects and Publications

- Aman Vora, Anil Kumar M, K G Srinivas. Low Cost Internet of Things based Vehicle Parking Information System In: Proceedings of the 6th IBM Collaborative Academia Research Exchange Conference, ACM (2014).
- 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)
- 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)
- 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)

Languages and Technologies

Python; Scala; Java; JavaScript;
C++, C

Hadoop, Spark, Scalding

Ruby on Rails, Node JS, Django