Curriculum Vitae

Name: **Satish Narayana Srirama**
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Summary

- More than 15 years of experience in design and development of SOA, J2EE, Mobile, Intranet/Internet and cloud based applications. Managed several national, EU and international, collaborative, academic, research and industrial projects.

- Good communication and management skills.

Educational qualification

- Completed **Ph.D** in Computer Science from **RWTH Aachen University, Germany,** during Aug '04 – Sep '08, with grade "magna cum laude".

- Completed **M.Sc** (**Software Systems Engineering**) from **RWTH Aachen, Germany,** during Oct '02 – Jul '04 with CGPA 1.4/5. (University topper in several subjects)

- Completed **B.Tech (Computer Science & Systems Engineering)** from **Andhra University** during Jun' 95 – Apr' 99 with 71.8% aggregate. (First class with Distinction)

Professional career

- Currently working as **Associate Professor** at Institute of Computer Science, **University of Tartu**, Estonia from July 2009. Promoted to Associate Professor in 2012.

- Worked as **Postdoctoral Researcher** at Information Systems and Databases Group, **RWTH Aachen University,** Germany from Sep '08 to Jun '09.

- Worked as **Research Assistant** at Information Systems and Databases Group, **RWTH Aachen,** Germany from Aug '04 to Aug' 08.

- Worked as **Research Assistant** at **Ericsson GMBH/ Research,** Aachen, Germany from Nov '03 to Mar '08.

- Worked as **Software Engineer** at **B2B Software Technologies Ltd,** Hyderabad from Jan '02 to Sep '02.

- Worked as **Software Engineer** at **RapidSoft Networks Ltd,** Hyderabad from Jul '00 to Dec '01.

- Worked as **Software Programmer** at **Waltair Info Solutions (P) Ltd**, Visakhapatnam from Jul '99 to Jun '00.

Academic activities

1. Research interests

Currently, my main research interest lies in and around cloud computing, mobile application development and Internet of Things (IoT) domains.

- Cloud Computing

    The research goal is to study the migration of enterprise applications to the cloud and to study their performance on the cloud. It also deals with designing cloud economic and deployment models.

- Scientific Computing on the Cloud

    The research goal is to study the migration of scientific computing applications to the cloud and to reduce these applications and algorithms to distributed computing frameworks ideal for cloud such as the MapReduce and Bulk Synchronous Parallel.

- Mobile Computing

    The research deals with developing mobile applications for various platforms and devices (e.g. Android and iOS). It also deals with acquiring and utilizing sensor data in building applications for different domains.

- Mobile Cloud

    The goal of the research is to investigate how to efficiently utilize cloud resources within the mobile applications. It specifically deals with delegation and offloading models of mobile cloud applications.

- Mobile Web Services

    This research theme deals with the invocation, provisioning, discovery and integration of web services from smart phones, in developing mobile applications.

- Internet of Things

    The goal of this research is to overcome the challenges of cyber-physical systems in the Internet of Things. The challenges include: interoperability, autonomous machine-to-machine communication, automatic configuration, energy efficiency, trustworthiness etc.

Detailed list of the specific research projects is available at http://mc.cs.ut.ee/mcsite/projects

2. Publications

I have co-authored over **80** referred publications in international conferences and journals. Complete list of publications is available at http://math.ut.ee/~srirama/publications.html

3. Research grants

Acquired grants worth more than a million Euros in the past 5 years for University of Tartu. I am principle investigator of several national, EU and international, collaborative, academic, research and industrial projects. Further details can be provided on request.

4. Administrative and professional activities

I am an Associate Editor of IEEE Transactions in Cloud Computing and a Technical Program Committee member of several international conferences and workshops. I also have peer reviewed several international journal publications. Further details are available at http://math.ut.ee/~srirama/pc.html

5. Honours/awards

- Nominee for the Outstanding Paper Award at The 2013 (11th) International Conference on High Performance Computing & Simulation (HPCS 2013), July 01-05, 2013.

- Awarded "Researcher of the year - 2011" by Institute of Computer Science, University of Tartu.

- Won Best Paper Award at Fifth International Conference on Internet and Web Applications and Services (ICIW 2010), May 9-15, 2010.

- Won Innovative Paper Award at International Conference for Internet Technology and Secured Transactions (ICITST-2006), September 11-13, 2006.

Teaching and Research supervision

1. New lecture courses developed

- Large-scale Data Processing on the Cloud, University of Tartu, Fall 2013. The course is being offered every alternate semester since then.

- Mobile and Cloud Computing Seminar, University of Tartu, Spring 2012. The course is being offered every semester since then.

- Mobile Application Development – Projects, University of Tartu, Spring 2012. The course is being offered every semester since then.

- Mobile Application Development, University of Tartu, Fall 2011. The course is being offered every alternate semester since then.

- Basics of cloud computing, University of Tartu, Spring 2010. The course is being provided every alternate semester since then.

- Basics of grid and cloud computing, University of Tartu, Spring 2010. The course is being provided every alternate semester since then.

- Distributed systems seminar, University of Tartu, Fall 2009. The seminar is being provided every semester since then.

Details of my teaching profile are available at http://math.ut.ee/~srirama/teaching.html

2. Supervision

No of PhD students supervised: 1

No of PhD students currently supervising: 6 (1 scheduled for defence in Nov 2014)

No of Master's students supervised: 21

Details of research supervision are available at http://math.ut.ee/~srirama/supervision.html

Public and Social activities

- Appeared in several press releases with dissemination of project results.
- Gave project demonstrations for Estonian television and press.
- Delivered guest lectures and invited talks at several esteemed institutes.
- Acting as the board member of Indian Cultural Association, Estonia and have organized several festivals and events at several places in Estonia.

Date: (**Satish Narayana Srirama**)