RAM P. RUSTAGI, Ph.D.

I-205, Mantri Tranquil Apts, Gubbalala,
Subramanyapura Post, Bangalore - 560061
Cell: +91-89700-00559, +91-83109-90866
Email: ram@rprustagi.com
website: www.rprustagi.com

Objective:
- To work with young minds and make a difference with creative learning and mentoring

Executive Summary
- **30**+ years of global experience in Academics, R&D, product development.
- Experience spectrum: Academia, R&D Institutes, Startups, Corporates.
- Guided 3 Ph.D scholars: Two under VTU, and one under Dr MGR Univ.
- Publications in international conferences/journals, patents,
- Introduced experiential learning labs, conducted multiple hands on workshops
- IEEE ANTS and ADCOM peer reviewer, Technology column writer at ACCS journal
- Recipient of UNDP fellowship (1992).
- *Research Interests*: Networks, Security, Cloud, Machine learning, Algorithms.

Academics & Personal Particulars
- Ph.D (Computer Science & Engg), Indian Institute of Technology, Delhi, India, 1998.
- M.Tech, Indian Institute of Science, Bangalore, India, 1981.
- Age 59 Years, DoB: April 20, 1958, India.

Chronology of Professional Experience:
06/2017 onwards: Cavisson Systems Inc, Bangalore India.
Mentor Technology, and Head - Bangalore development centre
- Implementation of Alert efficacies using event correlation
- Development of Security information and Event Management using ML analytics.
- Revenue prediction and anomaly detection

11/2010 - 05/2017: PES University (formerly PESIT). Bangalore India.
Professor, Department of Computer Science and Engineering.
- Teaching (B.E., M.Tech, MCA) and course curriculum design
- R & D projects, Research grant projects, Student projects, Ph.D mentoring
- Conducted Conference, Hands-on workshops, Faculty Development program etc.
- Consultancies, Invited speaker, industry interaction, etc.

12/2014 - 07/2016: Smartron India Pvt Ltd, Bangalore India (Sabbatical from PES)
Principal Engineer, Head Cloud operations.
- Cloud based application delivery for smartphone backup, synchronisation and upgrade

01/2008 - 10/2010: Kirusa Software Pvt Ltd, Bangalore India.
Vice President – Application & Services
- Development of Telecom VAS applications & Services. These applications got deployed in India and globally; Vodafone, Idea Cellular, Aircel,, Bangladesh, UAE, Egypt, Philippine, Africa
- Charging Integration with Intelligent Network Systems
- Manage geographical distributed teams at Delhi, Jaipur, Bangalore and NJ (USA).

04/2002 – 01/2008: Pronto Networks Inc. (CA, USA; Bangalore India)
Vice President – Technology (CA, USA) & Head India Development Centre, Bangalore
- Development of OSS/BSS suite of products catering to Wireless ISPs
- Application algorithms redesign to achieve order of performance improvement,.
- Development of public wifi hotspots products, roaming access e.g. airports, hotels, …
- Managed and mentored 100+ professionals in India offices.

10/2000 – 02/2002: Abeona Networks, Inc., Fremont, CA, USA.
Director - Engineering
Provided technical leadership in the following areas:
- Unified Management with Single System Image - Cluster administration, monitoring, membership control and live Software Upgrade, logs management, Alert notification.
- Content management - staging, versioning, deployment, synchronization.
- N+1 fault tolerance including hot standby architecture and real time recovery
- Design of distributed Memory Cache and algorithmic performance optimization

10/1998 – 10/2000: Savera Systems Inc, Murray Hill, NJ, USA.
Director - Engineering (1999-2000), Senior Member of Technical Staff (1998-99)
- Responsible for the development of Financial Statement, Reconciliation and Settlement modules. This product resulted in huge savings of time for dispute resolution and resulted in increased cash flow
- Requirement analysis and specifications for Interconnect agreements for European countries including country specific National Interconnect agreements.
- Call Detail Record (CDR) format specification and Mediation device functionality.

1991 – 1998: I.I.T. Delhi, India.
Research Associate (1995 – 1998). ERNet/CSE Dept (1991 – 1995)
- *Ph.D. Research Work*: Proposed a framework for deadlock free concurrency control.
- Responsible for ERNet program research and operations at IIT Delhi.
- Consultancy in Asia Pacific region on Network Design, Application design, development and performance tuning, teaching and training etc

1990 (Mar to Nov): Harris Corporation, DTS Division, Novato, CA, USA.
Consultant.
- Enhanced routing scheme from a single PBX to multiple PBXs connected via ISDN Primary Rate Interface (PRI) trunks including CCITT Q.931 implementation.

1985 – 1990: Centre for Development of Telematics (C-DoT), New Delhi, India.
Software Engineer/Team Lead.
- Developed Global Call Routing feature to route telephone calls in real time.
- Defined the messages architecture for inter process communication
- Design of CRM System (known as Operator Features).

1981-1985 : HCL Limited (formerly Hindustan Computers Ltd), Delhi.
R&D Engineer.
- Development of COBOL compiler using 8085 Assembly level language