Sumukha Tumkur Vani

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Education

2010 - 2014	**Bachelor of Engineering** Major: Computer Science and Engineering Bangalore University, India Graduated with 83.8% [GPA: 3.67/4.0]
2008 - 2010	**Pre-University Course** MES Pre-University College, Bangalore, India 2ndPUC 93%
2005 - 2008	**High School** VVS Sardar Patel High School, Bangalore, India SSLC 95.36%

Professional Experience

2014 - Present **Software Developer**, *Oracle India Pvt Ltd*, Bangalore, India
Oracle Virtual Networking
- Involved in developing of Infiniband Switches
- Involved in buiding device drivers and system softwares for Solaris OS
- Experience of coding in the SPARC environment

2013 - 2014 **Software Developer Intern**, *Streamoid Technologies*, Bangalore, India
- Worked on Natural Language Processing tools
- Designed and developed a search engine using Apache Solr
- Implemented and analysed product recommendation systems
- Built a performance and load testing system using Apache JMeter

2012 - 2013 **Software Developer Intern**, *Teritree Technologies*, Bangalore, India
- Developed a database web application on the Amazon EC2
- Developed an email application using the Amazon SES
- Built an extension for the Google Chrome web browser

Technical Skills

Programming	C, C++, Java, Python
Web	HTML, PHP, Javascript
Database	MySQL, MongoDB
Operating Systems	Solaris, Linux, Windows

Publications

Feb 2015	Lata B T, **Sumukha T V**, Suhas H, Tejaswi V, Shaila K, Venugopal K R, L M Patnaik: *SALB: Secure Adaptive Load Balancing in Service Oriented Wireless Sensor Networks* IEEE Signal Processing, Informatics, Communication and Energy Systems Conference Proceedings
Nov 2014	Lata B T, **Sumukha T V**, Suhas H, Raghavendra M, Shaila K, Venugopal K R, L M Patnaik, "DSWSD: Double Sliding Window for Secure Data Transmission in WSNs", International Journal of Computer Networking, Wireless and Mobile Communications (IJCNWMC)
Nov 2014	Lata B T, Raghavendra M, **Sumukha T V**, Suhas H, Tejaswi V, Shaila K, Venugopal K R, L M Patnaik, "DRFSD: Directed Restricted Flooding for Secure Data-aggregation in Wireless Sensor Networks", International Journal of Computer Networking, Wireless and Mobile Communications (IJCNWMC)