

Sumukha Tumkur Vani

371, 10th cross
Mahalakshmi Layout
Bangalore 560086
India

Phone: +91 80 2349 8309
Mobile: +91 95 91 636530
E-mail: sumukhatv@live.com

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

<i>Programming</i>	C, C++, Java, Python
<i>Web</i>	HTML, PHP, Javascript
<i>Database</i>	MySQL, MongoDB
<i>Operating Systems</i>	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)