

CURRICULUM VITAE

SABARI GIRISH MAHENDRAN

CURRENT STATUS	Software Engineer Database Engineer - Hewlett Packard	August '28 till date
ACADEMIC QUALIFICATION	<ul style="list-style-type: none">• Under Graduation - B.Tech, IT MIT, Anna University, Chennai First Class with (CGPA - 7.44/10)• Higher Secondary Education First Class with Distinction (Aggregate of 94.3%)• Secondary Education First Class with Distinction (Aggregate of 90.1%)	2009 - 2013 2007 - 2009 2005 - 2007
RESEARCH INTERESTS	My primary area of interest lies in Data Mining and Machine Learning . I have worked in the following areas. <ul style="list-style-type: none">• Medical Image Processing.• Supervised Learning Algorithms.• Big Data Visualization.	
RESEARCH PROJECTS INVOLVED	Medical Imaging using Hybrid segmentation scheme [UG Senior Thesis] Developed the automation of CAD for medical images of Lung disorders using Hybrid Segmentation scheme. This involved segmentation using Active Shape regression model, region of interest extraction and classification using Support Vector Machine. The 10-15% decrease in error rate compared to k-nearest neighbour classification algorithm.	Oct '12 to Apr'13
CURRENT PROJECT AT HP	Business Intelligence Analytics for vodafone Currently working on the solution to provide Business Intelligence reports using PL/SQL procedures and SAP business objects on failed customer interactions. My major contribution is the reduction in query execution time from 60 seconds to 30 seconds by aggregation data into four levels.	
SOFTWARE PROJECTS INVOLVED	<ul style="list-style-type: none">• Developed a clone of DROPBOX app as part of Cloud Computing project using C#, Python and MYSQL.• Developed a cloud based Blood Donor database using MongoDB which was funded by Ministry of Human Resource Development, India.• Developed a web portal for e-commerce using PHP and MYSQL during my tenure as a web developer intern for the startup Lansa Technologies.• Designed a audio based web user interface using HTML, CSS and Javascript, for Visually Challenged users as part of the User Interface Design Project.	

COMPUTER SKILLS	<ul style="list-style-type: none"> • Programming Languages - C, C++, C#, Java, Python • Databases - Oracle 10g, MYSQL, MongoDB, Teradata • Scripting Languages - HTML5, CSS, Javascript, JQuery, PHP • Cloud Computing Tools - Hadoop • Image Processing Tools - Matlab 	
TRAININGS & WORKSHOPS	<ul style="list-style-type: none"> • Workshop on Power Management in High end IBM Multi-core systems by IBM India at Madras Institute of Technology, Chennai, India, December 2011. • Workshop on Big data Analytics by IBM India at Madras Institute of Technology, Chennai, India, March 2012. 	
HONORS AND AWARDS	<ul style="list-style-type: none"> • Awarded a Medal of Honour for securing 100 % in Tamil Nadu State Government Examination for Mathematics. • Secured 1st Place in Research Idea Presentation event in a National Level Technical Symposium hosted by College of Engineering Guindy - Anna University. 	
EXTRA CURRICULAR ACTIVITIES	<ul style="list-style-type: none"> • Worked as a Volunteer in Youth Red Cross community to conduct Blood Donation Camps and Global Warming Awareness rallies(2009-2011). • Worked as a Volunteer in ICRTIT 2012, a International IEEE conference on Recent Trends in IT hosted by MIT,Anna University. • Jointly organized Samhita'13, a national level technical symposium hosted by MIT, Anna University. 	
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REFERENCES	Dr P.Varalakshmi Assistant Professor Anna University <i>E-mail:</i> varanip@gmail.com	Dr Radha SenthilKumar Associate Professor Anna University <i>E-mail:</i> radhasenthil@annauniv.edu