

# SREE HARSHA RAMESH

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## Education Details

Degree/Certificate	Duration	School/College	Performance
B.E.(Hons.) Computer Science	2010-2014	B.I.T.S. Pilani, Pilani Campus	CGPA : 7.63/10
AISSE (Class XII)	2010	Kendriya Vidyalaya Mvm, Bangalore	95.2%
AISSE (Class X)	2008	Vidyaniketan Public School, Bangalore	96.4%

**PROGRAMMING LANGUAGES:** C,Java,Python,PHP,JavaScript,Matlab,R

**TECHNOLOGY STACK:** MongoDB, Express, AngularJS, NodeJS

## Work Experience

- **Software Engineer, SuccessFactors/SAP, Bangalore** **July 2014 - Present**  
Building integrations from SAP Cloud HCM (SuccessFactors) Core HR to Third Party - Time, Benefits, Recruiting, and Assessment - Vendors using XSLT and Apache Camel on SAP's middleware offering -- SAP HANA Cloud Integration
- **Intern, SAP Labs India, Bangalore** **January - June 2014**  
Hybrid Add-On Migration from ABAP to Partner Development Infrastructure, using ABSL to help SAP Business ByDesign's migration to SAP HANA.
- **Summer Intern , teewee.in, Bangalore** **June - July 2013**  
Teewee is a successful product start-up, that is dubbed as the Chromecast of India. I Developed the Youtube search feature in the teewee - SmartTV application, using Youtube Data API and Android Development Kit .
- **Summer Intern, GMR Varalakshmi Foundation, Bangalore** **June - July 2012**  
GMRVF is the CSR wing of GMR which enforces Sarva Shiksha Abhiyan for children of migrant labour. I designed a Tent School Management DBA using SQL and MSAccess and organized a one day workshop for the teachers explaining the usage of the application. It is currently being used to manage 20 schools

## Academic Projects

- **Predictive Stock Market analysis using Support Vector Machines** **Technical Festival of BITS Pilani-APOGEE March-2012**  
It modeled the future stock market directions using statistical data collected over a period of time. It used SVM, Principle Component Analysis and three pairs of binary classifiers to regress the future price and then advised the stock holder whether to sell, buy or hold stock. My role was to write the functional code in Matlab..
- **Product Popularity Analysis using Natural Language Processing** **Technical Festival of BITS Pilani-APOGEE March-2012**  
Based on customer reviews for a particular product aggregated over sites like FlipKart.com and Amazon.com collected using a PHP script, a net customer sentiment was generated on a scale of 1 to 10 using python's Natural Language Tool Kit (NLTK).
- **Detecting calm and un-calm behavior using Machine Learning algorithms** **January-May 2013(5 months), CEERI Pilani**  
To classify a person's state of mind - calm/ultra-calm/under duress based on facial recognition and feature extraction using Support Vector Machines. The code along with a GUI ,was implemented in Matlab. This project was done as an elective-Study Oriented Project, under Dr.A S Mandal, professor at CEERI (CSIR-Central Electronics Engineering Research Institute).

## Mobile Applications Developed

- **LEBTOP** **January - May 2013**  
Learning English by Talking over Phone was a runner-up at World Summit Youth Awards 2012. The app was developed using KooKoo Telephony API (like Twilio) and scripted in PHP.
- **HelloStranger**  
A telephony app developed using KooKoo API and scripted in PHP that enabled conversation between two users whose numbers were chosen by a simple queuing system, implemented based on current telephone numbers using the service and the choice of the gender that the users chose to chat with.This was developed as part of an App Development Hackathon, organised by ExoTel.
- **Tailor**  
A Windows Phone App developed during an Overnight App Development Hackathon, that used gyroscope to measure the length when the phone is run along any surface.This is not published to the Windows Store.

## Academic Awards and Achievements

- Recipient of the 0.1% certificate in English, Social Science and Sanskrit from the CBSE Board for AISSE and AISSCE.

## Positions of Responsibility

- **Institute Reporter, Public Media Relations Unit, BITS Pilani** **August 2012 - December 2012**  
I was a student reporter for the PMRU and covered events like BOSM - Sports Fest, OASIS - Cultural Fest and Structural Health Monitoring and Rehabilitation Workshop happening on campus for press releases to national newspapers.
- **Article Contributor, Second year representative,Computer Science Association, BITS Pilani** **August 2011 - May 2012**  
I was contributing news articles for the monthly news-letter- "NewsBytes" published by CSA. I also helped organize CSA events in APOGEE 2011 and 2012.