

Ravikumar Jeyaraman

720, W 27 Street, Los Angeles, CA, 90007
jeyarama@usc.edu | (213) 255-9124
<http://www-scf.usc.edu/~jeyarama/>

Education:

University of Southern California
Master of Science, Computer Science

May 2015

PSG College of Technology
Bachelor of Technology, Information Technology
GPA :3.8 /4.0

May 2010

Professional Experience:

Motorola Solutions,
Software Engineer, Bangalore

August 2010 - June 2013

▪ **PCRF Simulator:**

Developed Policy Charging and Rules Function Simulator which simulates IP Multimedia Subsystem Diameter Rx interfaces Used for testing Quality of Service. This Simulator development was done in C++.

▪ **Push to Email:**

Developed Push to e-mail Feature which sends voice alerts to users email. .This was developed over iDEN network and was showcased as one of iDEN's use case. Integrated Digital Enhanced Network (iDEN) is a mobile telecommunications technology, developed by Motorola. This Prototype was showcased in a technical Symposium in Motorola. Language used : C++

▪ **Dispatch from Facebook:**

Implemented Dispatch from Facebook Feature. This was developed over iDEN network. This was also developed as prototype and was showcased at Srajana , a technical Symposium in Motorola and gained lot of appreciation from higher management. Languages used: C++ ,Java

▪ **Broadcast Application Client(BAC)**

The Commercial Mobile Alert System (CMAS) is an alerting network designed to disseminate emergency alerts to mobile devices such as cell phones and pagers. BAC provides GUI of CMAS to operators which enables them to Broadcast Messages to Group of Users.BAC Development was in Java.

Wavesat,

Jan 2010-May 2010

Software Intern , Bangalore

Involved in Development of an application that enables configuration of WiMAX Customer Premises Equipment of Wavesat (CPE) .A GUI application was developed for easy configuration of CPE.

Extra-Curricular Activities:

▪ **National Service Scheme Volunteer:**

Volunteered in camps where I took part in activities like renovating Government run schools, Teaching Basics of computers to school children.

▪ **Organized Technical symposium :**

In my undergraduate college I organized technical symposiums where students can present their ideas. Got sponsorship from major corporates and successfully formed a team to handle all activities.

Achievements:

- Was awarded with 'Moment' award for my performance at Motorola in 2012-2013.
- Took initiative to develop internal tools like Lab monitoring tool, Longevity test monitoring tool to automate mundane tasks that were quickly adopted by other developers.