Ravikumar Jeyaraman

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Education Details:

• Master's in Computer Science

University of Southern California

Current Coursework: Analysis of Algorithms, Web Technologies, Introduction to Computer Networks

• B.Tech in Information Technology

May 2010

Expected Graduation: May 2015

PSG College of Technology Coimbatore, India

(GPA: 3.8)

Technical skills:

Languages
C, C++, Java, SQL, Perl, JavaScript, Shell Scripting

• Platforms Used Unix/Linux, Windows

IDE/Packages/Tools
Visual Studio, Eclipse, Wireshark, Rational Rose, MySQL

• Web Technologies/Servers JavaScript, PHP, XML, JSON, JSP, HTML, AJAX Apache, Tomcat

Work Experience:

Motorola Solution, Bangalore, India

Aug 2010-May 2013

Software Engineer

- Engineered Dispatch feature on Facebook which works over iDEN network. This was implemented as a prototype in 'Idea to Prototype' event.
- Developed new functionalities in iDEN Gateway. Worked with **RTP,SIP** Protocols for enabling communication between iDEN and SIP networks.
- Implemented Push to Email functionality over iDEN network which sends dispatch voice alerts to user's Mailbox.
- Developed Graphical User interface in Java for Commercial Mobile Alert System which enables operators to disseminate Alert Messages to large group of users.
- Received **Moment Award** for my consistent performance at Motorola in May 2012.

Academic Projects:

- Instrumented **Phantomjs**(a headless webkit) to lookup at specific IP address before performing DNS lookup. (available at https://github.com/ravikumarj/phantomjs)
- Developed a web based mobile Application which enabled to search tweets based on location using Twitter API. (available at http://cs-server.usc.edu:33893/search request.html)
- Developed Peer to Peer file sharing system with **Mirroring** functionality over TCP/IP.
- Developed a weather search application using Yahoo weather API. (available at http://cs-server.usc.edu:33894/examples/yweather1.html)

Internship at Wavesat, Bangalore

Jan 2010-May 2010

- Developed Graphical user Interface and Command Line Interface that enables configuration of WiMAX Customer Premises Equipment of Wavesat.
- Took initiative to develop a Lab Monitor tool which automates monitoring and alerting Lab system status.

Achievements:

- Event coordinator for various National Level Technical events held at P.S.G College of Technology
- Won many prizes in C/C++ Debugging, Algorithms, Puzzles, Coding events conducted by various universities
- Volunteered in National Service Scheme, India ,and took part in various camps.
- An active member of ACM Student's Chapter, PSG College of Technology

Availability:

Monday ,Wednesday : 9 AM to 5PM
Tuesday ,Thursday : 1 PM to 5 PM
Friday ,Saturday ,Sunday : 9 AM to 7 PM