

PRIYANKA NAMBIAR

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Career Objective

To utilize the knowledge and experience I have gained during my Masters Degree and Industrial exposure working in the field of Software and Business Development and thence impart the best for the exponential growth of the Industry where I would nurture a challenging placement.

Education

Viterbi School of Engineering,

University of Southern California, Los Angeles, CA

Master of Science, Computer Science (General)

Partial Specialization: Software Engineering

CGPA: 3.3

(Graduated: May 2010)

Osmania University, Hyderabad, India

Bachelor of Engineering, Information Technology

(2004-2008)

Aggregate Score: **78.4%** (1st Class, 1st Division, aggregate of 7 semesters, best being 85% in Semester 7)

Work Experience

- **Magento Inc. – Open Source eCommerce**

Business Analyst / Project Manager

Culver City, CA
(August 2010 – till date)

My Responsibilities at Magento include:

- Act as an interface between business units, technology teams and support teams
- Ensure project documents are complete, current, and stored appropriately.
- Review and edit Requirements, Specifications, Functional Requirements, Business Processes and Recommendations related to any new requirements or changes to existing solution.
- Lead testing effort:
 - Ensure issues are identified, tracked, reported on and resolved in a timely manner.
 - Communicate needed changes to development team.
- Assist in enforcement of project deadlines and schedules.
- Highlights of my experience at Magento till now – was made an integral part of four on-going big projects within my first month, my clients include Giro, Xerox, Conns, X-treme Geek/Edmund Scientific, two of which went live within the first two weeks.

- **Living Advantage Inc**

Los Angeles, CA

USC Center of Systems & Software Engineering

Intern, Operational Concept Engineer/Project Manager/Non-Technical Lead

(Sept 2008 – May 2009)

- Creation and Development of the VIRTUAL ASSISTANT LIVING AND EDUCATION (VALE) System – a Content Management System.
- Built a Database Management System from scratch for the Director and Staff of a non-profit organization, Living Advantage Inc. I have taken up the responsibilities of the **Operational Concept Engineer** and the **Project Manager/Non-Technical Lead, leading a team of six-eight members**, over two semesters, under the able guidance of **Prof. Barry Boehm**.
- **Interacted with Client** and discussed issues she has had with dealing with large amounts of data, which brought us to the idea of creating a Content Management System that catered to her office's specific needs. This involved a lot of Requirements Engineering, Design and Analysis, Prototyping, and then the actual Development, Testing, Product Delivery and User Training, apart from Risk Mitigation and Win-Win Negotiation, and SVN for Configuration Management.
- User Development and Life Cycle Tools used: Agile Review Forms, Configuration Management, Benefit Realization Analysis, Model Clash Analysis and IV&V Evaluation.
- We used a **VB.NET** framework and **PHP** script to interact with a **MySQL** database to store and interact with the large amounts of data the institution deals with.
- Website maintenance for the team [website](#).

- **Networks Operations Center, ITS, USC**

Los Angeles, CA

Senior Student Operations Assistant

(November 2008 – May 2010)

- The NOC-ITS ensures that campus wide networks and computing services are continuously running at optimal performance levels in support of the University's strategic plan. My work involved workstation setup, customer service, monitoring various network devices, server monitoring, storage device monitoring, environment

monitoring etc. Other tasks included -

- Security/Control to ITS Data Center environments as well as timely customer service to our Co-Location customers.
- Develop/Revise training modules for new students joining our department.
- Was nominated *Student of the Month* twice, in January '2009 and again in November '2009, and also was recipient of an *Appreciation Award* on May 10, 2010, in recognition of my quality customer service and team work at the ITS, USC.

Project Experience

SPATIAL DATABASES

(Spring 2009)

- As the Database Designer + Developer, developed a Graphical Query System in **JAVA** interacting with **SQL** queries that generates graphical results in response to user's mouse clicks. The system accepts user's input to display Geometrical shapes that represent buildings, cameras and vehicles on a USC map.
- Used **Oracle 10g's Object Oriented Spatial Database** features through a Java Swing user interface.

WEB TECHNOLOGIES

(Fall 2009)

- **PERL Project:** Created a Server side Perl script to scrapes results for a given term for Channels, Playlists and Promoted Videos from youtube.com and create an **XML** file to display them, along with accompanying details.
- **XML+JAVASCRIPT Project:** Designed an **XML** Schema to represent data specification and create valid XML file; Used **X-Query** to query XML files and return the result.
- **AJAX Project:** A mash-up Flickr, Google Maps and Facebook, this application allowed the user to pick a place on Google Maps, the coordinates of which would be mapped with location details of random pictures on Flickr, and then, the user is allowed to pick any one of them, and upload on to their profile on Facebook, indicating that they have 'liked' that particular picture. Technologies used: **HTML, JavaScript, AJAX, JSON** etc.

Technical Skills

Programming Languages:

C, C++, C#, Java(J2EE), JQuery, ASP.NET/VB.NET

Web Technologies:

HTML-XML, DHTML, XSLT, CSS, DOM, PHP, JavaScript, JSP, JSON, Perl, AJAX

Web Servers:

Apache, Tomcat

Database Management Tools:

SQL, PostgreSQL, XQuery, XPath, Microsoft SQL Server, Oracle 9i/10g, MySQL 2000

Operating Systems:

Linux, Windows, MAC OS X, SunOS, Solaris

Software Engineering Project Tools: WikiWinWin, COCOMO-II, Rational Software Modeler, iStudio

Software Methodologies:

Software Development Life Cycle (SDLC), Rational Unified Process (RUP), Unified Modeling Language (UML), Agile Software Development, Software Design Patterns

Tools etc.:

Drupal, Adobe Photoshop, MS Visual Studio, MS Visio, MS Project, Dreamweaver, Altova XML, MATLAB, SVN

Extracurricular Experience

- **Radio Jockey** on 101.9 Rainbow FM Hyderabad, India (May 2006 – December 2006)
Hosted a music based program titled 'By Demand' on 101.9 Rainbow FM, India for 7 months, completing 24 one-hour episodes long in all, airing the listeners' choices of English and regional music.
Time of airing: Friday – Sunday, 7pm – 8pm