# Jenil Ketan Doshi

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**Objective:** Seeking a challenging Software Engineering / Software Development Internship position for fall 2015.

## Education:

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| M.S in Software Engineering, San Jose State University, San Jose, California. | (GPA: 3.90 / 4.0) | *May 2016* |
| B.E in Computers, K. J. Somaiya College of Engineering, Mumbai University. | (GPA: 3.89 / 4.0) | *May 2012* |

## Skills:

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| Languages: | Java, JavaScript, Python, AspectJ. |
| Database: | MySQL, SqlYog, Mongo DB, Oracle, SQL Server. |
| Other Technologies: | Java (Spring, JAX-WS, JAX-RS Apache CXF, J2EE), JavaScript (Node JS-Express, Angular.JS, Dygraphs.Js, jQuery) HTML5, CSS3, AJAX, Bootstrap, Redis Cache, Docker Container, REST API, Rabbit MQ, XML. |
| Tools: | VMware vSphere Client, Integration Designer, MySQL Workbench, SOAP UI, Eclipse, JMeter, SVN, Git, Perforce. |
| Cloud Platforms: | Salesforce, Mongo Lab, Bluemix, AWS EC2. |
| Operating System: | Windows, Ubuntu. |

## Professional Experience:

**Cloud Services Intern, 24/7 Customers Inc., Alameda, California** *Jun 2015 – Aug 2015*
- Implemented functionalities of existing application in JAX-RS using Apache CXF framework.
- Understood the needs and goals of using CXF framework over other JAX-RS frameworks like Jersey, Restlet, etc.
- Implemented API representation in JSON, XML and CSV data formats.
- Provided a WADL to model the resources provided by a service and the relationships between them.
- Implemented the logic of historical data capture and improved the health calculation for existing application.
- Represented the historical data in the form of Confidence Interval Graph using JavaScript library Dygraph.js.

**Software Engineer, Accenture Services PVT. LTD., India** *Jan 2013 – Jun 2014*
- Elicited and analyzed tightly coupled legacy application's business logic to make it loosely coupled application.
- Implemented 'Proof of Concept' to showcase the usability of Business Process Management tool by understanding SOA.
- Orchestrated BPM flows using process flows and mediation components to run the application end-to-end.
- Performed unit test and load test of entire flows using JMeter and SOAP client.
- Monitored performance of process flows by developing real time dashboards using Business Activity Monitoring tool.

**Co-Founder / Web Developer, EmarkUp Web Solutions, India** *Aug 2012 – Dec 2012*
- Analyzed client requirements, developed two websites and delivered it on time as per the requirements.
- Applied marketing strategies to increase the visibility of the website by providing Search Engine Optimization techniques.

## Academic Projects | San Jose State University:

**Fitness Monitoring Application (Masters Project):** *Sept 2015 – Present*
- Develop a centralized, device independent platform, capable of monitoring user's fitness.
- Provide a dietary plan based on users daily physical activities and daily food habits.
- Form groups with other users with whom one can stay fit and share fitness related ideas.

**Workforce Management System:** [Node.Js, MySQL, Angular.Js, Bootstrap, Jmeter, Rabbit MQ, Redis] *May 2015*
- Developed a distributed 3-tier Restful application and introduced Rabbit MQ middleware to scale and develop message oriented application.
- Client Side Optimization Techniques: Gzip, Minification, Single Page Application.
- Server Side Optimization Techniques: Database Connection Pooling, Data Cache, SQL Cache, Prepared Statements, Vertical Partitioning.

**Pix Art:** [Bootstrap, JQuery, HTML5, CSS3, MySQL, Node.Js] *April 2015*
- Developed a responsive website for creating online diary, collage and cards to showcase Web UI Design Strategies.
- Applied Search Engine Optimization techniques and implemented Localization to demonstrate user friendly interface.

**Disaster Recovery & Private Cloud Deployment:** [VMware vSphere Client, Power Shell, Java VI API, JSP, Servlet] *Mar 2015 – Apr 2015*
- Performed Cold migration and live migration of a video from one vHost to another in online and offline mode.
- Implemented availability manager and disaster recovery system to monitor the status and health of virtual machine using Java VI API.
- Developed a private cloud application to deploy, delete, power-on, power-off and to view the statistics of virtual machine in data center.
- Implemented alarm functionality in application similar to 'AWS Cloud Watch' by sending email notification to users.

**Data Exchange using Dockers:** [Ubuntu, Docker, Node.Js, Mongo DB] *Jan 2015*
- Added layers of Node.js and Mongo DB images on the base image of Ubuntu on different host systems.
- Fetched data from Mongo DB and displayed it using Node.js application.

**Solution Box:** [Node.Js, Bootstrap, Stack Overflow API, Google Charts API] *Nov 2014 – Dec 2014*
- Fetched and filtered the relevant data from Stack Overflow API, using Node JS framework and NPM packages.
- Performed Real time analysis of data using Google Chart API based on sorted, unsorted data and hottest technologies.

## Leadership Experience:

**BPM Lead, Accenture, India** *Aug 2013 - Jul 2014*
- Led a team of 5 new hires by delegating work, supervised and mentored them in routine tasks and activities related to BPM.

**Research Assistant, Professor Mahamed Fayad, San Jose State University** *Aug 2014 – Dec 2014*
- Assisted professor in writing side-bars, developing videos for Fayad's Research Group and maintaining website to post study materials.

## Achievements:
- Received 'Star of the Month' recognition from Accenture Leadership on achieving highest level of client satisfaction. *Dec - 2013*
- Received 2nd prize in Prakalpa competition for E-Learning & Ofrece projects (Web Application) *Feb 2011 & 2012*