

Jenil Ketan Doshi

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

Education:

M.S in Software Engineering, San Jose State University, San Jose, California. (GPA: 3.90 / 4.0) May 2016
Courses: Cloud Computing, Virtualization Technologies, Distributed Systems, Web UI Design & Development.
B.E in Computers, K. J. Somaiya College of Engineering, Mumbai University. (GPA: 3.89 / 4.0) May 2012

Skills:

Languages: Java, AspectJ.
Database: MySQL, Mongo DB, Oracle, SQL Server.
Web Technologies: JavaScript, HTML5, CSS3, AJAX, Node JS-Express, Angular.JS, Bootstrap, jQuery, Redis Cache.
Other Technologies: Docker Container, REST, JAX-WS, J2EE, JSP Servlet, Rabbit MQ, XML.
Tools: VMware vSphere Client, Integration Designer, MySQL Workbench, SOAP UI, Eclipse, JMeter, SVN, Git.
Cloud Platforms: Salesforce, Mongo Lab, Bluemix, AWS EC2.
Operating System: Windows, Ubuntu.

Professional Experience:

Software Engineer, Accenture Services PVT. LTD., India Jan 2013 – Jun 2014
[Integration Designer (IBM BPM v8.0), SOA, Web Services, SOAP UI, JMeter, WSDL, XML, Java, Visio]

- 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:

Workforce Management System: [Node.Js, MySQL, Angular.Js, Bootstrap, Jmeter, Rabbit MQ, Redis] May 2015

- Developed a distributed 3-tier Single Page Restful application.
- Introduced Rabbit MQ middleware to scale and to 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.
- Achieved the above functionality using various JavaScript, jQuery and Node.Js.
- 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.

Cross Host 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.
- Started the containers by running the images both interactively and as a daemon using docker commands.
- 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 the 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.
- Designed web pages using Bootstrap, integrated express code with Node JS and deployed the website on [Bluemix](#).

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.
- Constructed executive level presentations and presented complex BPM flows to client team.

Research Assistant, Professor Mahamed Fayad, San Jose State University Aug 2015 – Dec 2015

- Assisted professor in writing side-bars and developing videos for Fayad's Research Group.
- Developed and Maintained professor's personal 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 Prakaalpa competition for E-Learning & Ofrece projects (Web Application) Feb 2011 & 2012