Jenil Ketan Doshi

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SUMMARY: Experienced Software Engineering graduate student with an expertise in full stack application development.

EDUCATION:

M.S in Software Engineering, San Jose State University, San Jose, California - (GPA: 3.71 / 4.0)   *May 2016*

B.E in Computers, K. J. Somaiya College of Engineering, Mumbai University - (GPA: 3.89 / 4.0)   *May 2012*

SKILLS:

Languages:	Java, JavaScript, Spring AOP, Spring MVC, Python.
Database:	MySQL, Hibernate, SqlYog, Mongo DB, Oracle.
Web Technologies:	Java (Spring, JSP Servlet, Apache CXF), JavaScript (Node.JS, Angular.JS, jQuery, Highcharts.js, Dygraphs.Js), REST, HTML5, CSS3, AJAX, Bootstrap, Google Charts API.
Other Technologies:	Redis Cache, Docker, Rabbit MQ, XML, JSON, ANT, Maven.
Tools:	VMware vSphere, IBM Integration Designer, MySQL Workbench, SOAP UI, Eclipse, JMeter, SVN, Git, Perforce.
Cloud Platforms:	Salesforce, Mongo Lab, IBM Bluemix, AWS EC2.
Operating System:	Windows, Ubuntu.

PROFESSIONAL EXPERIENCE:

Cloud Services Intern, 24/7 Customers Inc., Alameda, California   *Jun 2015 – Dec 2015*
- Developed Restful Web Services using Apache CXF and represented API in JSON, XML and CSV data formats.
- Provided a WADL to model the resources provided by a service and to show the relationships between them.
- Represented the historical data in the form of Confidence Interval Graph using Dygraph.js JavaScript library.
- Provided XPATH search functionality by parsing XML data returned in the API response.

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.
- Monitored performance of process flows by developing real time dashboards using Business Activity Monitoring tool.
- Received 'Star of the Month' recognition from Accenture Leadership on achieving highest level of client satisfaction.

Co-Founder / Web Developer, EmarkUp Web Solutions, India   *Aug 2012 – Dec 2012*
- Developed two websites and applied search engine optimization to increase the visibility of website.

ACADEMIC PROJECTS:

Pro Man: [Spring MVC, Spring AOP, Hibernate, JSP]   *Nov 2015 – Dec 2015*
- Developed a project management tool to help manage projects and task efficiently.
- Implemented CRUD web services in spring mvc with email notifications to users and progress reports of each projects and tasks.
- Ensured authentication using spring security and resolved the problem of cross cutting concerns using spring aop.

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 to scale and develop message oriented application.
- Optimized the application using Single Page Application, Database Connection Pooling, Data Cache, SQL Cache, Prepared Statements and 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]   *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 of virtual machine using Java VI API.
- Developed a private cloud application to deploy, delete, power-on / 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 data from Stack Overflow API and performed real time analysis of data using Google Chart API.

Achievements:

- Received 2nd prize in Prakalpa competition for developing E-Learning & Ofrece (Web Application)   *Feb 2011 & 2012*