

Jenil Ketan Doshi

101 San Fernando, #441, San Jose, CA, 95112 | (669) 221 9666

E: jenil.doshi@sjsu.edu

L: <https://linkedin.com/in/jenildoshi>

G: <https://github.com/jenil-doshi>

W: <http://jenildoshi.me>

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: 3.90 / 4.0)

May 2016

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

May 2012

SKILLS:

Languages: Java, JavaScript, Spring AOP, Spring MVC, Python.

Database: MySQL, Hibernate, SqlYog, Mongo DB, Oracle.

Web Technologies: Java (Spring, JSP Servlet, JAX-RS Apache CXF), JavaScript (Node JS-Express, Angular.JS, jQuery, Dygraphs.Js), REST, HTML5, CSS3, AJAX, Bootstrap, Joomla, Dreamweaver.

Other Technologies: Redis Cache, Docker Container, 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 – Present

- Develop Restful Web Services using Apache CXF and represented API in JSON, XML and CSV data formats.
- Provide a WADL to model the resources provided by a service and to show the relationships between them.
- Represent the historical data in the form of Confidence Interval Graph using Dygraph.js JavaScript library.

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.
- 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:

Fitness Monitoring Application (Masters Project): [Java, Python, Machine Learning]

Aug 2015 – Present

- A web application to track user's data from various fitness devices.
- Provide a base diet plan to achieve user's fitness goal and give daily suggestions to suit the diet plan.
- Allow users to form groups and connect with other users of same interest.

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 Prkalpa competition for developing E-Learning & Ofrece (Web Application)

Feb 2011 & 2012