SVETLANA VAZ

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SUMMARY

Software Engineer/Architect with full stack experience building scalable, highly-available web applications, REST APIs and automating development processes

CORE EXPERTISE

- Full Stack Development
- REST APIs
- Workflow Automation
- Design Patterns

WORK EXPERIENCE

Adobe   May 2016 - Present

San Jose, California   **Software Engineer**

- Technical Representative from Adobe at Salesforce's Lightning Bay Area customer panel

  ✓ Shared the technical details and best practices followed for the Salesforce lightning migration & journey with representatives from 10 other companies across the bay area

- Designed and Built the first complex salesforce lightning application for AGS Sales, Legal and Marketing using Salesforce's lightning framework

  ✓ Led to a consistent 30% of ADM created Opportunities with multiple contacts associated, thus helping with marketing attribution models
  ✓ Defined and adopted best practices for creating reusable lightning components
  ✓ Incorporated best UI/UX principles to increase the use of the application

- Leading the end to end lightning migration of the Enterprise Sales Process and Run the Business service areas

  ✓ Using JIRA's portfolio and epics, converted Salesforce's lightning readiness reports into a lightning migration roadmap spanning 2 quarters
  ✓ Working with teams to identify reusable components across the migration

- Setup Github code reviews and streamlined the development cycle and salesforce deployment process for 14 AGS Sales and Legal scrum teams

  ✓ Re Defined and enforced the code review process into the development cycle across all scrum teams using the same salesforce orgs, thus reducing bugs and improving code quality
  ✓ JIRA Integration to map stories to github Pull Requests
  ✓ Established version control and a clean master by restricting pushes only to code reviewers
  ✓ Linked the Deployment engine to deploy a cherry picked tag/commit from the master branch of the repo to salesforce sandboxes

- Designed and Built an end to end angular js- salesforce application consuming external APIs via IMS tokens

  ✓ Built a reusable IMS framework on Apex to allow access to APIs using IMS tokens
  ✓ Designed and Implemented the front end using bootstrap and angular js
  ✓ Defined and standardized the architecture to access external APIs using IMS tokens

- Automated RFC creation using remedy APIs and connected it with each release

  ✓ Integrated the creation of tickets for each release into the deployment manager/engine
  ✓ Reduced the time taken to create/approve RFCs by 80 % by automating the process for minor releases

- R&D in progress to implement continuous integration and deployment on the salesforce platform

DropThought Inc.   Jan 2014 - Sept 2015
Santa Clara, California   **Full Stack Engineer**

- Designed and Developed the server side for a web based, core instant feedback capturing application used by Enterprise clients such as Cisco, Adobe, Sony Playstation, Juniper

  - ✓ Wrote the Node js layer to communicate between the API and the front end
  - ✓ Wrote API endpoints using python and redis to capture and save user feedback
  - ✓ Wrote background scripts to automate database cleanup after an event and to compute statistics of the feedback captured at the event
  - ✓ Introduced a security layer to encrypt data both at the front end and on the transport layer using Cryptojs
  - ✓ Customized the application to be used on various browsers and devices

- Developed an automated API testing suite using REST API testing framework frisby.js

  - ✓ Reduced testing effort by 75%
  - ✓ Provided automated error stack trace to developers thus eliminating the need of manual test results

- Integrated tableau worksheets/dashboards onto a web based dashboard used by customers

  - ✓ Enabled automated and instant data updates to the tableau dashboards
  - ✓ Restricted access to allow only authorized users that have signed into the web app (using trusted sources)

- Wrote API endpoints for feedback creation using node.js and python based flask

  - ✓ Enabled prospective customers to test the viability of the product

- Built an End to End **S**upervised Machine Learning Text Categorization and Sentiment Classification Engine using an Ensemble of various strong machine learning algorithms and soft voting mechanisms on feedback data using scikit-learn
- Developed an automated web based theme(main topic) generator using NLTK

  - ✓ Eliminated manual topic and theme extraction
  - ✓ Improved visualization by creating a word cloud of uni, bi and trigrams of the input feed using NLTK, d3.js, Node.js and Express

Heal the Bay   May 2012 - Dec 2013
Santa Monica, California   **Volunteer Force.com Developer**

- Redesigned and Normalized the salesforce database that stored account/contact details of donors

  - ✓ Developed apex triggers, classes and workflows from scratch

  - ✓ Salesforce API Integration and report generation

Barclays Bank PLC, Credit Cards   Aug 2010–Sep 2011
Pune, India   **Solution Architect**

- Recommended future state business requirements, processes, technologies, applications and information systems to create the 'to-be' target from an 'as-is' baseline

  - ✓ Performed gap analysis and cost vs. effort estimation

- Defined & validated technical requirements & architecture quality attributes and accordingly recommended technical solutions for application integration

  - ✓ Provided high level solution for client-server and N-tier critical applications

Swisscom IT Services Finance AG   Aug 2007 - Jul 2010
Zurich, Switzerland   **Consultant, Senior Software Engineer**

- Developed features for a securities lending product to service borrowing and lending, repo, synthetic finance, collateral management and risk management

  - ✓ Analyzed & estimated story points for user stories using poker estimation

✓ Developed user stories using Core & Advanced Java

✓ Wrote unit tests using JUnit

Investment Banks in London & Australia   Jan 2004 - Jul 2007
Sydney, Australia & Tonbridge, UK   **Consultant, Java Developer**
- Maintenance of a Business forex service that facilitated transactions for import, export, foreign currency borrowings, foreign currency investments, profit & interest repatriation

    ✓ Design of use cases and Use case diagrams using Rational Rose

    ✓ System Testing and Bug Fixes

CERTIFICATIONS

Certificate	University	Grade	Earned Date
A Crash Course in Data Science	Johns Hopkins University (Coursera)	100%	Oct 2015
Managing Data Analysis	Johns Hopkins University (Coursera)	100%	Oct 2015
Data Science in Real Life	Johns Hopkins University (Coursera)	95%	Oct 2015
Introduction to Big Data	UCSD (Coursera)	96%	Oct 2015
Practical Machine Learning	Johns Hopkins University (Coursera)	100%	Nov 2015
Machine Learning Foundations : A Case Study Approach	University Of Washington (Coursera)	98%	Nov 2015

TECHNICAL EXPERTISE

	Proficient	Competent
Programming Languages	Java, Python, Javascript, SQL, Force.com, R	LaTeX
Platforms & Frameworks	Express.io, Node.js, NLTK,Flask	Django
Machine Learning Toolkits	scikit-learn	GraphLab Create
Testing	JUnit, Frisby.js, Jasmine	PyUnit
Version Control	Git	Subversion
Tools & Utilities	Eclipse,Tableau, RStudio, OmniGraffle, Sublime	QFTest, Collabnet, TOAD
Databases	MySQL, redis, SQLite	Oracle
CRM	Salesforce	

EDUCATION

Post Graduate Certificate, Computer Programming
University of California (Extension), Santa Cruz, CA   **GPA: 4.0**   **Aug 2014**
Project - Forecasting the severity of Seasonal Influenza using Supervised Machine Learning

Post Graduate Award, Mobile Application Development
University of California (Extension), Santa Cruz, CA   **GPA: 4.0**   **Aug 2014**
Project - Loyalty Rewards Program for a Point of Sales System

Bachelor of Engineering, Computer Science
PCCE, Goa, India   **1st class Distinction with honors**   **Aug 2003**

REFERENCES

References provided upon request. (Online references available at LinkedIn).