

POOJA SHAH

shah.pooja89@gmail.com
60 Descanso Dr, #3306,
San Jose, CA-95134
(408) 674 4109
github.com/poojashah89

SKILLS

PROGRAMMING LANGUAGE

Java
Spring, Spring Boot
Python, Shell Scripting
iOS (Objective C, Swift)
Android

WEB TECHNOLOGIES

React Native,
NodeJS, REST APIs
JavaScript, jQuery
AJAX, XML, JSON
HTML5/CSS3, Bootstrap
Angular JS
Google APIs

FRAMEWORKS

Eclipse, NodeJS Express
Android Studio
Qt, OSGI

VIRTUALIZATION

Openstack
VMWare vSphere,
Virtual-Box
Docker
Vagrant, Ansible

CLOUD

Amazon EC2,
Google App Engine

SUMMARY

<https://linkedin.com/in/poojakshah>

- 4 years of experience as a software developer with proficiency in java and web development.
- Strong experience in Cloud computing and Mobile Development.
- Excellent analytical skills, problem solver, attention to detail and always a team-player.

EDUCATION

San Jose State University

MS Software Engineering, Expected 2018

Pune University, India

B.E Computer Science, 2010

ACADEMIC PROJECTS

Smart Door System

- Developed RESTful endpoints using python flask to integrate with Raspberry Pi.
- Developed a deep learning based face recognition engine on cloud.
- Developed an iOS mobile app for automating the lock and unlock door using SiriKit and Alexa.

e-EnergySolution

- Developed a native app for energy service provider and customer to rent the energy solution services.
- Multitenant app for android and iOS mobile platform based on react native.
- Excellent user interface and integration with NodeJS, MongoDB based RESTful services.

Smart Street

- Developed an iOS mobile app for smart city to provide a social platform.

Skin Disease Diagnosis

- Developed RESTful endpoints using Java Spring Boot.
- Developed an iOS mobile app for detecting skin diseases using various apple development kit and Wikitude AR Framework.

Foodie

- Developed an android mobile app to suggest food intake
- Yelp and Fitbit integration to recommend nearby restaurants and food options according to your calories burnt.

VStack using OpenStack

- Using Java Spring framework and OpenStack APIs, built a VStack as a web based application and catered innovative use-cases. Using OpenStack Mitaka, developed CRUD based use cases to deploy and run the VMs on OpenStack.

Accident Reporting System | NodeJS, AWS | Fall 2016

- Developed a Cloud based application to deliver Infrastructure-as-a-service (IaaS).
- Built a dashboard using NodeJS to visualize the real-time data coming from MongoDB and hosted it on AWS EC2 and HAProxy load balancer.

WORK EXPERIENCE

IBM, San Jose | Software Graduate Intern | June 2017 to Present

IBM DB2 Analytics Accelerator for z/OS enables real-time analytics to improve

SCM

GitHub, Jenkins
Apache Ant
Maven

DATABASE

Oracle, H2DB
MySQL
MongoDB

MASTER'S COURSEWORK

Cloud Technologies
Enterprise Software
Virtualization
Android Development
iOS Development
Cloud Services

RECOGNITION AND AWARDS

Received a "You made a difference" Award for outstanding work on the CRA-Kit from VP. Travelled to Sales Kickoff to help introduce it to BMC Sales team.

Received Peer Award for excellent contribution on eZDeploy and appreciation from customers.

response time.

Responsibilities

- I was a part of Hybrid Cloud team and my responsibility was to provide provisioning of spectrum scale file system which helped sales team on-demand zSystem trial machines.
- Developed automation scripts to automate the process of querying DB2 using Java.

MyFlowZone, San Jose CA | *Software Developer* | Dec 2015 to Jun 2016

Building android and iOS mobile applications.

Responsibilities

- Worked on website development using WordPress.
- Used JavaScript Google APIs, analyzing the data from Cassandra database.
- Virtualization using Docker.

BMC Software, Pune, India | *Staff Product Developer* | Jan 2013 to May 2015

- **Qualys Integration - BMC SecOps Portal**

Integrated solution to combine BMC Bladelogic and Qualys Vulnerability Management Solution (QualysGuard) to quickly identify vulnerabilities.

Responsibilities:

- Designed and developed User Interface using JavaScript, JQuery and AJAX.
- Developed the remediation engine backend for vulnerabilities using the BSA REST APIs.

- **Compliance and Risk Assessment Kit (CRA-Kit)**

This web utility helps the Sales teams to identify potential risks in the customer IT infrastructure environment. It offers out-of-box compliance reports for Heartbleed, ShellShock and Aftershock, Bash and Ghost vulnerability discovered.

Responsibilities:

- Worked on dashboard and security reports to showcase the compliance and vulnerabilities for the IT infrastructure.
- Developed installer using Java based Izpack framework for an easy and quick installation of the utility for the Sales team.

- **eZDeploy**

Java based command-line utility, used to seamlessly export and import BMC Cloud Lifecycle Management Blueprints across environments.

Responsibilities:

- Developed the BMC Server Automation NSH scripts to export and import the CLM blueprint artefact from one CLM deployment into another environments (development -> Staging -> Production).
- Build Java based installer using BMC Common Installer Framework for the utility.

Globallogic, Pune, India, | *Product Developer* | Jan 2012 to Dec 2012

Openstack, Terremark, Savvis Cloud Integration with BMC CLM. Played a key role in managing the BMC Cloud Lifecycle Management Test Lab and developing Java based Installers for BMC CLM Content Team.

Responsibilities:

- Built a standalone java based installer based on BMC Common Installer for all content Providers.