

# POOJA SHAH

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## 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>

- 5 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

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Cloud Technologies  
Enterprise Software  
Virtualization  
Android Development  
iOS Development  
Cloud Services

## RECOGNITION AND AWARDS

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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.