Java & Python Developer

(SAOP/REST/MicroServices/python-Django)

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Summary

I have been working in IT programming industry for past 10 years. Took part in implementation of different software applications focused mostly on ecommerce, data centric, mobile applications, system software, finance and accounting. Solved many problems related with software applications. Have strong programming background with hosting on cloud providers. Comprise Extensive experience in programming SOAP, REST and Micro Services.

Skills

English

- Upper intermediate / fluent
- Have experience (10 years) contacting with diverse co-workers, reporting and conference calls in the international company

Programming Languages/ Technologies

- OOP/GoF Design Patterns
- Java/Python
- Web/XML/JAXB/XSD/WSDL/Maven
- SQL/PL SQL
- Linux Shell Scripting

RDBMS/NoSQL

- Oracle
- My SQL
- Mongo DB

SQL development tools

- Oracle SQL Developer/ SQL*Plus
- MySQL Workbench
- Robomongo

Methodologies

- Domain Driven Design
- SCRUM/AGILE

Cloud

- Amazon Web services (EC2, RDS, S3and EBS)
- Azure

Internet Protocol Servers

- LDAP/RADIUS

Frameworks

- Struts2/Spring Boot/Spring Cloud/ Spring REST/Django
- Log4J, JDBC, UCP, JNDI

Application/Web Servers

- JBoss
- Tomcat
- jetty

Development Tools

- Eclipse/STS/Visual Studio Code
- Git/vi

Testing Tools

- JUnit

SOA/Web Services/ Micro Services

- SOA/Apache Axis2/Jersey JAX-RS/Spring REST
- Spring Boot/Spring Cloud
- flask

Application Packaging

- Advanced Installer

Implementation highlights

- Project management/Analysis
- Research/Development/bug fixing/testing
- Adding SSL Certificates/Enabling HTTPS
- Hosting in AWS/Azure
- Migrating PARSE Apps
- Good understanding of developing mobile applications
- Packaging java applications for windows

Expertise

General programming	<10 years	Work in international environment (reports, communications, application development, technical support)	<10 years
Eclipse/STS	<10 years		
Java	<10 years	SQL	<7 years
JUnit	2 years	Linux shell scripting	3 years
JavaScript	3 years	Cloud Hosting	<9 years
Application Migrations	<1 year	SOA and Web Services	<7 year
jQuery/Python/Django	<3 years	REST and Micro Services	<6 years

Certificates

Java Certificates	
2009	Sun Certified Java Programmer

Education

2003–2006	Masters in Computer Applications, Anna University, Chennai, TN

Professional Experience

Dec'16-till date	Software Developer –Cloud Infrastructure Management -Lenovo	- Focused on researching micro service infrastructure, deployment with java and spring. - Created Spring boot and Spring cloud components. - Involved in decoupling core components as micro services. - Designed and developed internal tool in python/Django to compare and generate reports for vulnerabilities found using pandas - Implemented EcoStruxure Integration in lxco to show Datacenter inventory data
Mar'16-Dec'16	Team Lead –DevRabbit IT	- Migrating Parse applications to Azure Cloud - R&D for data centric applications in Hadoop eco system - Worked outsource consultant in support for telecom applications
Nov'10-Mar'16	Associate Consultant – Logictree IT Solutions	- Application Programming, database design. - Programming backend solutions for mobile applications. - Hosting of applications in AWS cloud. - Requirement analysis.

Project Accomplishments

Project's name	Technologies used	My duties / Time of involvement in the project
EcoStruXure Time of involvement in the project: Sep'2019-till date	Python, mongodb ,flask, kubernetes	- Define microservices to show inventory views of the power and cooling equipment monitored by EcoStruXure IT Expert. - Define mongo collections for inventory and alarms services - Deploy service in kubectl pods
Protecode Reports Time of involvement in the project: Aug'2018-Sep'2019	Python, Django, Pandas	- Analyzing the csv files, defining, and developing a web application to support features to generate reports for vulnerabilities and components. - Display reports using pandas.
Lenovo Xclarity Time of involvement in the project: Dec'2016-Aug'2018	jdk1.8, Spring boot, Spring cloud	- Defining micro services infrastructure for existing core plugins. - Migrating of core services to spring boot micro services. - Implemented spring cloud components using

		eureka,zuul,configserver
Sportzbee Time of involvement in the project: Apr'2016-Dec'2016	node.js, Github, Azure, Open Parse, JavaScript	▪ Involved in Parse Migration to Azure. ▪ Debugging code in new migrated version on Azure. ▪ Re-Implemented the cronjobs in Azure. ▪ Worked on Azure Cloud for Parse Dashboard.
QFire Embedded Time of involvement in the project: Nov'2014-Mar'2016	Java 1.7springs 4, MySQL, Oracle, and MS SQL Server	▪ Coordinating withcustomer for functional requirements. ▪ Assigning tasks to individuals and tracking status in jira. ▪ Involved in writing API to support core functional logic to support in use with rest services. ▪ Incorporated spring HATEOAS to rest Services. ▪ Implemented functionality to obtain database connection to data sources using oracle UCP. ▪ Converted jar to dll using ikvm. ▪ Involved in code obfuscation and licensing of application.
Tylt Fitness Time of involvement in the project: Mar'2014-Nov'2014	xcode, bootstrap.js, Ruby on Rails, AWS	▪ Estimating, scheduling and planning the project. ▪ Interacting with customer for functional requirements. ▪ Reviewing requirement and app flow. ▪ Preparing daily workloads for team and organizing daily allocation of work. ▪ Creating Iteration of modules and sign off from client. ▪ Project status update and ensuring delivery of mobile app builds to customer. ▪ Involved in hosting using amazon EC2.
ShowStream API Web Services& iPhone App Time of involvement in the project: Jan'2014-Mar'2014	Heroku cloud, postgress	▪ Setting up heroku scheduler to initiate cron job. ▪ Ensuring code commits to BitBucket and deploying to heroku on regular basis
InspireNetz Time of involvement in the project: Feb'2014-Apr'2014	xcode, c#, Silverlight	▪ Revising requirement and app flow. ▪ Assigning tasks to team. ▪ Controlling and monitoring the project
Mobilezop Web Services with Web App & Mobile App Time of involvement in the project: May'2013-Jan'2014	Jdk1.6, Apache Axis2, SoapUI 3.1.2, Tomcat 7.0, MySQL 5.1, MVC, Xuggler, Struts2	▪ Provided backend SOAP web services to work with web client and mobile app. ▪ Incorporated video conversion and thumbnail for images and videos with xuggler API. ▪ Defined xmlrequest and response to serve service operations. ▪ Entirely wrote wsdl to configure and define services. ▪ Defined xsd schema types for soap messages. ▪ Integrated web services with web client using struts2 filters.
mKnight Console Time of involvement in the project: Jan'2013-May'2013	Jdk1.6, MySQL 5.1, Advanced Installer	▪ Incorporated dashboard summary of users and devices. ▪ Configured jasypt library for basic encryption of database configuration file. ▪ Packaged entire application as installable setup

		▪ file using advanced installer. ▪ Generated CSR and configured SSL certificate.
mKnightAuthenticate REST Services& Mobile App Time of involvement in the project: Dec'2012-May'2013	Jdk1.6, OATH, JSON, JWS, Jersey JAX-RS, JAAS, LDAP, RADIUS	▪ Implemented registration and login components with OATH based HOTP validation. ▪ Incorporated JWS for JSON request and response parameters. ▪ Provided rest Based Service interface to interact with mobile app. ▪ Incorporated pluggable fashion of authentication using JAAS to authenticate users on servers implementing LDAP and RADIUS protocols.
Economena Time of involvement in the project: Feb'2012-Nov'2012	Jdk 5, Struts2, High stocks, jQuery, JSON, Quartz Scheduler, MySQL 5.1	▪ Involved in providing functionality for wrapper class to service chart data. ▪ Incorporated search plug-in with pagination. ▪ Extensively used complex SQL queries in MySQL database. ▪ Defined JSON response to serve for Ajax requests. ▪ Utilized Quartz scheduler for mail notifications.
GSM Portal Time of involvement in the project: Feb'2012-Apr'2012	Jdk 5, Struts2, JQuery, MySQL 5.1, Java-PHP Bridge	▪ Developing user Interface to manage users, menus and submenus. ▪ Incorporating functionality to run 'php' scripts with in java web application. ▪ Assigning of scripts to submenus to be controlled by super user. ▪ Communicated with client and defined functions to team.
MIHIR HealthCare & Education Series Time of involvement in the project: Oct'2011-Mar'2012	Jdk 5, Apache Axis2, SoapUI 3.1.2, MySQL 5.1	▪ Implemented web service in Axis2 which is consumed by mobile app team. ▪ Involved in writing WSDL for web services implementation. ▪ Provided schema types for soap messages. ▪ Involved in defining XML request and response messages. ▪ Extensively tested Web Service in Soap UI.
Loyacard Web & Mobile App Time of involvement in the project: Apr'2011-Oct'2011	Jdk 5, JDBC 2.0, Eclipse Helios, Struts2.2,Apache Axis2,SoapUI 3.1.2,Tomcat 7.0, MySQL 5.1, UML, JavaScript,Jquery, Jasper Reports, MVC, Tortoise SVN	▪ Involved in development of both back end and front end of application using struts2. ▪ Implemented web services in Axis2 which is consumed by mobile app team by writing WSDL for web services implementation. ▪ Provided functionality to generate QRCodes using Zxing API also used Java Script, jquery for client side validation. ▪ Involved in designing application specific modules and database