**Sanket Selokar**

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**Professional Summary**

* About **10** years of experience in Analysis, Design, Development, Implementation and Maintenance of applications using **Java/J2EE** Technologies like **Servlets, JSPS, Hibernate, SpringDI, Struts and JPA** with knowledge of **SDLC** concepts. Good working Experience in client-side development with **HTML**, **XHTML**, **CSS**, **JavaScript**, **JQuery** and **AJAX** Experience with front-end **HTML5**, **CSS**, **JS, JSON**, and **XML** development is desirable.
* Experienced in all phases of Project and Product Development Life Cycle that includes System Study, Analysis, Design, Development, Integration, Testing, Deployment, Maintenance, Re-Engineering and Documentation.
* Expertise in working with Cutting Edge Technologies like **EJB, JMS, JTA, XML** with good experience in Developing and Deploying Enterprise Java Beans on Application Servers like **Tomcat**, **WebLogic**, **WebSphere** and **JBoss**.
* Excellent knowledge of **NOSQL** on **Mongo** and **Cassandra** **DB**
* Expertise in working with **SpringlOC**, **SpringMVC**, **SpringJDBC** and **SpringAOP**
* Expertise in front-end development using **JSP**, **JSTL**, **HTML**, **DHTML**, **CSS**, **JavaScript**.
* Developed User Interface in JSP, JavaScript and HTML with Backbone JS Framework
* Experience in spring module like **MVC**, **AOP**, **JDBC**, **ORM**, **JMS**, and Web Services using Eclipse and STS IDE.
* Involved in Design, development and testing of web application and integration projects using Object Oriented technologies such as **Core Java, J2EE, Struts, JSP, JDBC, Spring Framework**, Hibernate, Java Beans, Web Services REST/SOAP, XML, XSLT,XSL, and Ant.
* Excellent experience on J2EE design patterns such as Business Delegate, ServiceLocator, Transfer Object, Data AccessObject, SessionFacade, Singleton patterns.
* Experience in using various Web and Application Servers like Apache Tomcat, IBM -Web Sphere process server.
* Good experience with a NoSQL database.
* Good experience with web stacks such as Apache, Nginx, Varnish, and Lighttpd
* Excellent programming experience in Java 1.5/1.6, **JDBC**, Servlets, JSP.
* Experience in using and implementing design patterns such as Model-View-Control MVC, Data Access Object DAO, Factory Singleton, and Business Delegate in the development of multi-tier distributed applications.
* Expertise in implementing Web Services using SOAP, **WSDL**.
* Experience in working with application servers and web servers such as, IBM Web Sphere and Tomcat
* Good exposure to Service Oriented Architectures SOA built on Web services WSDL using SOAP protocol. Expertise in XML and related technologies like XSD, XSL, XSLT and parsers like JAXP SAX, DOM and JAXB. O Experience in developing applications using Map Reduce for analyzing with different file formats.
* Had knowledge on Kibana and Elastic search to identify the Kafka message failure scenarios.
* Implemented to reprocess the failure messages in Kafka using offset id.
* Cognitive about designing, deploying and operating highly available, scalable and fault tolerant systems using Amazon Web Services (**AWS**).
* Worked on data loading related project with the use of AWS EMR, EC2 instance, AWS Glue and Lambda function.
* Extensive experience in working with **REST** APIs and **SOAP** web services.
* Proficient in building code pipeline using AWS **CodeDeploy**, AWS **CodeBuilt,** AWS **Codecommit** and AWS **CodePipeline**.
* Experience in creation of API documentation for business portal using **Swagger** tool.
* Worked on creation of Libraries in different programming languages.
* Experience in unit testing framework like **JUnit** testing framework and **Appium** tool.
* Used **Firebase** cloud service for real time database, cloud messaging, authentication and notification.
* Experience in parsing the web response data in both **XML** and **JSON** format.
* Worked on production bug fixes that were logged in **JIRA** and resolved by priority.
* Used **Bitbucket** for **GIT** version Repository maintenance.
* Followed the **Agile** Methodology in which involves with **sprint** planning, daily **scrums** and weekly Demo meetings.
* Dedicated team player, self-learner, quick learner, and self-starter and excellent debugging and design skills.

**Technical Skills**

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| --- | --- |
| **Programming Languages** | Java, J2EE, NodeJS, Python, JavaScript, C, C++ |
| **Web Services and Framework** | Kong, Kubernete, AWS, APIGEE, Postman,HTML5, NodeJS, JavaScript, JSON, CSS, REST, Agile Scrum |
| **Database Technologies** | SQLite, MySQL, SQL Server, Firebase, MongoDB |
| **IDE** | Eclipse, Eclipse ADT, NetBeans and IntelliJ |
| **Operating Systems** | Linux, Windows 10, Mac OSX, Android, Ubuntu |
| **Android Tools and Framework** | JUnit, Bitbucket, Appium, GitHub, JIRA |

**Work Experience**

**Experian, Costa Mesa, CA**

**Role: JAVA & API Developer 04/02/2016 – Present**

**Responsibilities:**

* Worked in **Agile** environment for developing the project with **Scrum**. Responsible for architecting, designing, implementing and supporting of cloud-based infrastructure and its solutions.
* Designed and coded application components in an **Agile/TDD** environment utilizing a testdriven development and SDET approach and pair-programming.
* Developed the application using **spring** framework that leverages model view layer architecture, also configured.
* Dependency Injection.
* Used **Hibernate** ORM tools which automate the mapping between **SQL** databases and objects in Java. Extensively used Hibernate in data access layer to access and update information in the database.
* Design of **GUI** using Model View Architecture **STRUTS** Frame Work.
* Integrated Spring DAO for data access using **Hibernate**
* Created hibernate mapping files to map **POJO** to **DB** **tables**
* Involved in the Development of **Spring** Framework Controllers
* Developing application using Spring core module and **POJO's** using Eclipse and worked on Messaging service. Designed and developed the **XSD** for **WSDL**.
* Developed user interface using **JSP**, **JSP** Tag libraries **JSTL**, **HTML**, **CSS**, JavaScript to simplify the complexities of the application.
* Currently working on fitness tool which aids in Test Driven Development.
* Used JMS for the asynchronous exchange of critical business data and events among **J2EE** components and legacy system. Worked with Map/Reduce and stream processing e.g. Storm
* Worked with NoSQL databases such as **Cassandra**, **MongoDB**.
* Supported and provided important feedback to various development teams with regards to the grid computing and caching technology.
* Developed User Interface in **JSP**, JavaScript and **HTML** with Backbone JS Framework
* Designed and developed **REST**-ful style Web Service layer and **WSLD**.
* Implemented a generic interface to Hibernate criteria API for UI search functionality.
* Developed **SQL**, **PL**/**SQL**, stored procedures along with Shell Scripting- database application scripts.
* Deployment of web, enterprise java components, messaging components and multi-threading.
* Developed **XML** Schemas - **XSD**, **DTD** for the validation of **XML** documents, also used Subversion.
* Used XML web services using SOAP to transfer the amount to transfer application that is Used SWING for GUI based coding.
* Managing Amazon Web Services (AWS) infrastructure with automation and orchestration tools.
* Proficient in AWS services like VPC, EC2, EMR, Glue, S3, ELB, AutoScalingGroups(ASG), EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, CloudTrail.
* Experienced in creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
* Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
* Involved in writing Java API and collaborate with Google API for Amazon Lambda to manage some of the AWS services.
* Coordinate with customers on production infrastructure for running Microservices at scale
* Created **Kong** Docker Compose tool to automate local environment testing.
* Work on **APIGEE** API gateway for centrally managing API and deploying API.
* Involve in creating Multiple client-facing proxies(**APIGEE**) with calling a single internal proxy to share a connection with a backend resource.
* Currently working on OSHA project, which is basically provide public data and we provide that data in API format to the client.
* Working on Businesses API which provides **Bankruptcy detail**, **credit score, fraudshield, corporate linkage** detail via **RESTful** API.
* Create API documentation for business portal using **Swagger** tool.
* Follow **Agile** methodology (two-week Sprint), and daily Scrums to discuss the development of the application.

**Environment:** Java, J2EE, AWS, postman, Soap UI, REST, JDK, XML, JSON, SQLite, Windows 10

**Saibersys, Carrollton, TX**

**Role: JAVA developer 05/06/2014 – 03/03/2016**

**Responsibilities:**

* Used **Agile** methodology to develop the application, Daily **Scrum** was conducted as a part of this methodology.
* Involved in developing the user interface screens for clients using **Struts**, **JSP**, **JSTL**, **jquery libraries**, **HTML**, **XML** and **JavaScript**
* UI development using **Html5**, **JS**, **CSS3**.0, **Ext**.**JS 4.1** and **JSON**.
* Worked on **Oracle11g**, Created **DAO** classes which get connection instances with **SpringJDBC**, Configuring JDBC connections. Developed Python code to analyze a network of Fabry-Perot interferometer common volume measurements for the temperature and vector wind values at 250km altitude
* Worked as team lead for website add-on service including **HTML5** form validation.
* Collected the logs data from the web servers and integrated it to **HDFS** using flume.
* Used Elastic search as the data indexer and query parser
* Involved in importing and exporting the data from **RDBMS** to HDFS and vice versa using sqoop.
* Expertise in Unix Administration skills i.e. file system concepts, installations, configuring and troubleshooting
* **IBM** Tivoli Usage and Accounting Management Implementation Project
* Implemented **AJAX** functionality using **JQUERY**, **EXT**-**JS**, **JSON** and **XML**.
* Used XSLT to do the transformation changes for the new requirements on the consumer side of web service application Proficient in responsive web development using Bootstrap and Media Query.
* python OO Design code for manufacturing quality, monitoring, logging, and debugging code optimization
* Worked with ElasticSearch and utilized NOSQL for non relation data storage and retrieval.
* Setup Zenoss running on Linux for systems and network monitoring.
* Used Java script and AJAX to query the Elastic search indices, format and display the JSON results in a web page using HTML and CSS
* Developed and implemented software release management strategies for various applications as per agile process.
* Wrote technical specifications and maintained all reports pertaining to application development process.

**Environment:** Java, J2EE, Soap UI, REST, JDK, XML, JSON, SQLite, Windows 10

**CITE Office, Northwest University, Maryville, MO**

**Role: Software Engineer 01/17/2013 – 03/28/2014**

**Responsibilities:**

* Developed Cloud Formation scripts to build on demand EC2 instance formation.
* Utilized AWS CLI to automate backups of ephemeral data-stores to S3 buckets and EBS.
* Created nightly AMIs for mission critical production servers as backups.
* Configured and maintained the monitoring and alerting of production and corporate servers/storage using Cloud Watch.
* Migrated applications from internal data center to AWS.
* Encrypted data on server and client side.
* Maintained edge location to cache data with CDN using Cloud Front to deliver data with less latency.
* Scaled distributed in-memory cache environment in the cloud using Elastic cache.
* Co-ordinated the execution of multiple computing devices with Amazon SWF.
* Managed automated backups and created own backup snapshots when needed.
* Provided installation & maintenance of Puppet infrastructure and developed Puppet manifests & modules for configuration management.
* Installed JIRA, and customized JIRA for workflow, user & group management.
* Supported and helped to create Dynamic Views and Snapshot Views for end users. Deployed builds to production and work with the teams to identify and troubleshoot any issues.
* Automated Merging of branches as requested by developers.

**Environment:** EC2, S3, EBS, CloudFront, CloudWatch, ElasticCache, SWF, JIRA, SQL, RDS, Git, APACHE, Docker.

**PictoRobo, Nagpur, INDIA**

**Role: API Developer 07/21/2012 – 12/11/2012**

**Responsibilities:**

* **PictoRobo** is digital commerce firm which has online shopping facility as well as it develops software product for clients.
* Used Android content providers for implementing features like sending **E-mails, SMS**, etc., from the app and designed suitable **GUI** for these applications.
* Built apps that communicate with **RESTful** services for getting the Weather Forecast and updating the employee’s Bonus Earn Points.
* Developed applications with **In App Billing** service for making the payment through the application.
* Implemented **RESTful** API in **JAVA** to connect the Wellness app to the **MS** **SQL** Server database.
* Worked with **Java** **7** and **8** efficiently.
* Used **Crashlytics**, while testing the application, to verify the proper free-flow working of the application.
* Involved in Integration of third party **API's** for Mobile Access and data collection using **NFC** (**Bluetooth**) in Mobile for data logging and used **JIRA** for bug tracking and issue tracking.
* Used **Google Play Licensing** service for controlling access to the application in the security manner.
* Responsible for unit testing of Android applications by using **JUnit** testing framework and that reduced the time which is require in doing manual testing.
* Used **Firebase** cloud service for real time database, cloud messaging, authentication and notification for managing employee data who were working in an organization.
* Android backward compatibility was achieved using the **ActionBarSherlock** library.
* Responsible for design of user interface using various **Fragments, custom layouts, buttons, dialog boxes, alert boxes** and different form of **widgets.**
* Worked with **Hierarchy Viewer** and **traceview** for checking the performance of the app.
* Worked with database transaction using **PL/SQL** in later phases.
* Used **Maven** as a build tool during the build process of all the Applications and **SVN** as version control.

**Environment**: Java, Android, Android SDK, In-app Billing, RESTful web service, Licensing library, AWS DynamoDB, SOAP, JSON, XML, CSS, SQLite, Firebase, Jenkins, Gradle, GIT, Android Studio, SVN, Maven

**Academic/Personal Projects**

**Application for Car Parking system 02/02/2015 - 10/02/2015**

* Recently shift the entire project to the **Kotlin** language for learning the new language
* Responsible for the design, build, deployment, debug of Car Parking Android applications
* Integrated Google play services and **Google Maps API** V2
* Implemented Location Listener to show exact location on Google Maps
* Debugged and tested the application using logcat, **DDMS** (Dalvik Debug Monitor Server) and trace view on different android devices

**Rubik’s Cube Algorithm Generator Android App 04/08/2017 - 12/10/2017**

* Six scrambled sides of Rubik’s cube will be captured by camera and then perform operation on them to generate steps for solving cube.
* Identified and coordinated the different moves using Thistlethwaite's algorithm
* Achieve shortest path solution by Kociemba’s and God’s algorithm

**Imagine – Image editing Application 06/01/2016 - 12/16/2016**

* User can edit image with Custom Image Editing Strategy, they can do the image toning by Brightness, Sharpness, Contrast, Temperature and Saturation
* Every change in effect created by Color Matrix is brought onto every updated bitmap using the Paint class

**Social Help – Blood Donor Community 12/10/2015 - 04/10/2016**

* User can find the blood donor in an emergency case as well as they can donate the blood
* Data is stored in **Firebase** cloud based database service
* Implemented **Google** **API** by using the **GPS** coordinates which displays nearest blood bank and donor locations, by developing GPS drivers for the application

**Education**

**Bachelor of Engineering in Computer Science and Engineering** **07/04/2009** - **06/30/2012**

*Priyadarshini J.L. College, Nagpur University (PJL), Nagpur, India**GPA: 3.5/4.0*

**Diploma in Computer Technology** **07/13/2007** - **06/27/2009**

*G.H. Raisoni Polytechnic, Nagpur, India**GPA: 3.5/4.0*

**Honors & Awards**

* **Experian Hackathon 2nd Prize 12/13/2018**
* **Experian Innovation idea(Royal Swagger) 3rd Prize 02/10/2018**
* Awarded International Graduate Achievement Scholarship  **07/02/2016**
* Event organizer and a member of Satyam Nagpur Team at PictoRobo **01/01/2014**
* Employee of the Year – PictoRobo **12/01/2014**
* Won **Rubik’s Cube** Awards

• 1st Prize - Adarsh Abhyasika Organization’s (**3 \* 3**) Rubik’s speed cubing contest **12/01/2015**

• Golden Rubik’s cube in Tarang event **04/13/2014**

• 1st Prize - Adarsh Abhyasika Organization’s (**5 \* 5**) Rubik’s cube championship **07/25/2014**