**Sanket Selokar**

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**Professional Summary**

* Around **8** Years of extensive experience including in IT industry comprising of build release management, software configuration, design, development and cloud implementation**.**
* 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.
* Experience working with **APIGEE** Edge, Developer Portal & **APIGEE** Baas platform.
* Good understanding of **APIGEE** Architecture.
* Good experience in developing customized policies in **APIGEE** Edge and developing API's in **APIGEE** Baas.
* Worked on deployment of all the **Apigee** message processors and routers in dev, test and staging and production.
* Worked on APIGEE Hybrid model for developing and managing APIs
* Cognitive about designing, deploying and operating highly available, scalable and fault tolerant systems using Amazon Web Services (**AWS**).
* Used Athos GKE for managing cloud and on premises environments.
* Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWS resources. Managed Docker orchestration and Docker containerization using Kubernetes.
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
* Worked on data loading related project with the use of AWS EMR, EC2 instance, AWS Glue and Lambda function.
* Configured APIGEE policies like Spike arrest policy, security policy, XML Threat Protection policy
* 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.
* 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, NodeJS, Python, JavaScript, C, C++ |
| **Web Services and Framework** | AWS, APIGEE, HTML5, NodeJS, JavaScript, JSON, CSS, JavaScript, 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:** **APIGEE Developer 04/02/2017 – 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.
* Worked on POC of high-end **APIGEE** innovative proxies and On-boarding API's.
* Used **APIGEE** Management APIs for certain operations.
* Designed FACADE design patterns for **APIGEE** using JAVA platform.
* Worked on transition from legacy products to newer version of **APIGEE** Edge.
* Configuring windows **APIGEE** servers using FTP and HTTP protocols.
* Used **APIGEE** Killer to check the performance of each component of **Apigee** product and fixed lots of issues.
* Configured different policies like JSONThreatProtection policy, SpikeArrest policy, Quota policy
* Using **APIGEE** configuration and generated proxies service discovery definition, telemetry definition, logging and security.
* Configured Staging and Testing and Production environment for **APIGEE** Edge and **APIGEE** cloud-based sites.
* Added different policies in different APIGEE proxies.
* Worked on APIGEE X for predicting API traffic for the particular season.
* Utilize the features of APIGEE X for monitoring the API traffic, for identifying anomalies.
* Used Anthos on google cloud for hosting all components on the on-premises.
* Worked on APIGEE hybrid model for maintaining APIs in better way like managing internal and external APIs with google cloud.
* Automated environment build and did provisioning using virtualization, and orchestration tools with Docker, AWS, Kubernetes and OpenShift
* For managing cost and performance we utilize the APIGEE hybrid model.
* Troubleshooting and monitoring API proxies running on **APIGEE** using Trace tool.
* 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.
* Written **Glue** job for data loading from S3 bucket.
* Used **EMR** jobs for data processing and analyzing. Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on GCP (Google Cloud Platform). Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes.
* Implemented domain name service (DNS) through route 53 to have highly available and scalable applications.
* Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
* Created EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.
* 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, APIGEE, APIGEE Edge, APIGEE cloud, APIGEE base, AWS(EMR, Glue, EC2, Lambda, ELB, Docker, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, CloudTrail), Python, Soap UI, REST, JDK, XML, JSON, SQLite, Windows 10

**Saibersys, Carrollton, TX**

**Role:** **APIGEE and API developer 07/06/2015 – 03/03/2017**

**Responsibilities:**

* Used **Agile** methodology to develop the application, Daily **Scrum** was conducted as a part of this methodology.
* Worked on POC of high-end **APIGEE** innovative proxies and On-boarding API's.
* Used **APIGEE** Management APIs for performing operations like tracking the traffic.
* Designed FACADE design patterns for **APIGEE** with the help of JAVA platform.
* Worked on different policies like XMLThreatProtection policy, SpikeArrest policy, Quota policy
* While moving to the new version, worked on transition from legacy products to the newer and latest version of **APIGEE** Edge.
* Configuring windows APIGEE servers using FTP and HTTP protocols.
* Used **APIGEE** Killer for checking the performance of each component of Apigee product.
* Used **APIGEE** configuration and generated proxies service discovery definition, logging, security, and telemetry definition.
* Troubleshooting and monitoring API proxies running on **APIGEE** using Trace tool.
* Configured Staging and Testing and Production environment for **APIGEE** Edge and APIGEE cloud-based sites.
* Developed and implemented software release management strategies for various applications as per agile process.
* Worked extensively with AWS services like EC2, AMR, Glue, S3, VPC, ELB, AutoScalingGroups, Route 53, IAM, CloudTrail, CloudWatch, CloudFormation, CloudFront, SNS, and RDS.
* Gained good experience by working with configuration management tool CI/CD tool Jenkins.
* Set up and built AWS infrastructure with various services available by writing cloud formation templates in json.
* With the help of IAM created roles, users and groups and attached policies to provide minimum access to the resources.
* Designed Java API to connect the Amazon S3 service to store and retrieve the media files. Configured AWS CLI and performed necessary actions on the AWS services using shell scripting.
* Written cron jobs to perform operations at a scheduled time.
* Implemented CloudTrail in order to capture the events related to API calls made to AWS infrastructure.
* Wrote technical specifications and maintained all reports pertaining to application development process.

**Environment:** APIGEE, APIGEE Edge, APIGEE Killer, APIGEE Developer portal, Java, AWS(EMR, Glue, EC2, Lambda), Python, Soap UI, REST, JDK, XML, JSON, SQLite, Windows 10

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

**Role:** **Software Engineer 01/17/2014 – 06/28/2015**

**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 07/21/2013 – 12/11/2013**

**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 02/02/2011 - 10/02/2012**

* 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 04/08/2011 - 12/10/2012**

* 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** **07/04/2010** - **06/30/2013**

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

**Diploma in Computer Technology** **07/13/2008** - **06/27/2010**

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