SMIT PATEL

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Professional Summary:

Over 6 years of extensive experience in the IT industry, involved in all Phases of Project life Cycle (SDLC) and Agile - Analysis, Development, Design, Testing, Documentation Which unites into the field of Devops with skill in ELK Stack, Red Hat Enterprise Linux (RHEL) Administration, Continuous Integration, Configuration Management, Automation and Monitoring technologies for financial, banking and Interactive solutions domain.

SKILLS:

Programming Languages: Java, Html5, Css3, JavaScript, Node.js, Python, P5.js
Software/tools: Eclipse, Processing.org, Net beans, Microsoft Visual Studio Code, Tibco Business works (Tibco BW), Shell Script, Adobe Photoshop, Postman, Insomnia
Version Control: Git, Bitbucket, Team Foundation Server (TFS)
Framework: Appery.io, Selenium
Database: MySQL, Ms Sql Server, Mongo dB
Operating System: Windows OS, Mac OS, Linux
Methodology: Waterfall Methodology, Agile Methodology
Monitoring/ Reporting Tools: ITRS Geneos, ELK Stack (Elasticsearch, Logstash, and Kibana), Splunk, Grafana
Automation Tools: Jenkins, Ansible, Ansible tower, Autosys
Web Service Specification: XML, REST/JSON
Bug Tracking Tools: JIRA, Remedy ITSM, Application Lifecycle Management & Quality Center (ALM & QC)
Languages: English, Hindi, Gujarati

EXPERIENCE:

Tata Consultancy Services (TCS), USA.   April 2019 – Current

Client: BANK OF AMERICA MERRILL LYNCH - Pennington, NJ   July 2020 – Current
Elastic Search Engineer

- Experience in data aggregation and search using Elastic Search
- Proficient in Elasticsearch, data modelling and querying using log aggregation, data extraction and reporting using Elasticsearch, Logstash, Kibana tools.
- Performed POC and extensive planning, validations, and deployment for a major upgrade from 7.4 to 7.12.0 of ELK Stack and Beats for multiple clusters and environments impacting 15+ clients.
- Managed and provisioned client access, including troubleshooting development setup/configurations, user acceptance testing, and production level issues under time constraints.
- Managed deployment schedules and performed deployments of detailed test scripts.
- Creating a RESTFUL web service using elastic search services & Creating queries in elastic search
- Configuration of Master Nodes, Data Nodes, Kibana, Elasticsearch cluster split across different data regions to support high availability
- Configured x-pack for the security and monitoring of our cluster
- Written watcher alerts based on required scenarios.
- Experience in Building visualization and Dashboards using Kibana.
- Documented installation procedures, changes required in present environment and Provide server remediation to ensure all vulnerabilities have been addressed.
- Performed middleware testing for different SOAP & Restful web services using Insomnia and Postman
- Experienced with setup, configuration and maintain ELK stack (Elasticsearch, Logstash and Kibana)
- Responsible to designing and deploying new ELK clusters (Elasticsearch, Logstash, Kibana, beats etc.)
- Elasticsearch and Logstash performance and configuration tuning.
- Experience in Administration/Maintenance of Source Control Management Systems such as Bitbucket. Created tags and branches, fixed merge issues and administered software repositories.
- On call support for production environment.
- Performed POC set up for Logging and Monitoring subsystems using Grafana.

Environment: Elasticsearch, Logstash, Kibana, GIT, Bitbucket, Ansible, Splunk, Linux, JIRA, RHEL7, Git, Jenkins, Autosys.

Client: BANK OF AMERICA MERRILL LYNCH - Pennington, NJ   April 2019 – July 2020
Integration Developer – ELK & Tibco Operations

Gained knowledge and understanding the existing Project architecture and how trading system works. I was working on middle tier software built on Tibco BW platform which provides message processing and routing services for GOMT products.
- Designed and developed the application using Agile Scrum methodology by breaking down the project to several sprints.
- Worked with Business Analyst, programmers and other team members to develop technical solutions for complex business problems in Tibco BW.
- Developed automation utilities to check, verify application status and log file in different environments using selenium in Java.
- Developed Shell Scripts and Batch Scripts for automation purpose.
- Gained Dev-ops knowledge, as management decided to migrate from Team Foundation Server (TFS) to Bitbucket.
- Creating Consolidated Audit Trail (CAT) / Order Audit Trail System (OATS) audit reports to provide audit information to industry regulators (FINRA)
- Repairing production order Negative-acknowledgement (NACK) before it being reported as FINRA rejects.
- From CAT report analysis we were able to identify bugs in Production and it helped BA's to created new requirement.
- Experienced with setup, configuration and maintain ELK stack
- Contributed towards launching a new Monitoring tool (ELK) from getting the application license to setting up the whole architecture as per bank policies.
- Used JIRA and ALM/Quality Center for bug tracking. Bitbucket is used as a version control tool and Jenkins is used for continuous integration of builds.
- Providing support for all testing and production environment. Monitoring issues and providing fixes as required.
- Acts as an escalation point for production troubleshooting guidance and fixing.
- Worked on the issues which raised by the QA Team.

Environment: Tibco ActiveMatrix BW 5.13, Tibco EMS 5.x, Tibco Admin 5.x, MS SQL Server, Git, Bitbucket, Application Lifecycle management, Jenkins, Autosys.

EXPERIENCIOUS, India   Nov 2015 – Oct 2018
Creative Java Developer

Worked on various projects using creative technologies used under the hood of Augmented Reality. Here I explored and developed hybrid application where used web services, worked on cloud database as well as rest API; immersive desktop applications using waterfall model where Java as programming language. Got an opportunity to showcase the installation of all the projects to locals, foreigners, ministers and honorable Prime Minister of India.
- Gesture Tracking – Developed in Processing using Real-Time Camera.
- Vibrant Gujarat – Touch wall using Projection Mapping using Processing.org platform.
- Hybrid mobile application: This was a dynamic application which provide domestic services, task assignment and hiring system featured E-Commerce technology using Apache Cordova plugins and REST API's
- Interactive Virtual Book – Developed in Processing using marker recognition in Augmented Reality technology.
- Participated in waterfall methodology for application development. Analysis, design, coding, unit and integration testing of business applications in an object-oriented environment.

IT Souls, India   June 2014 – June 2015
Java Developer Intern
- Developed a website to provide people socialize culturally and to know about upcoming & ongoing events to the users.
- Involved in designed and development of web interface using Java, HTML, CSS, JavaScript, JSP, jQuery, JDBC for administering and managing users.

PERSONAL PROJECT: Twitter Bot
- Developed Bot which can periodically searches for tweets and then like, follow, re-tweet and reply automatically.
- Gained knowledge of twitter REST API developing in Node.js along with understanding of Heroku cloud platform.

EDUCATION: Bachelor of Engineering in Information Technology, India.