Jignesh Kumar Patel

**Ambitious self-starter** with a passion for building best-in-class complex distributed applications. 18 years of professional experience in design, development, planning, deployment of large-scale business critical applications based on Java/J2EE technologies with highest quality standards. Demonstrated success in architecting and developing a variety of software systems with the highest quality standards using new generation technologies in various domains like financial, telecom, compliance, administration, digital marketing.

**A self-motivated** professional with hands-on experience and natural communicator possessing a unique combination of good technical, initiating, leadership, and creative problem-solving skills and has proven to be an outstanding team player. Forward and Strategic thinker, with excellent written and verbal communication skills.

**KEY SKILLS**

* Some of the key skills are Java, Spring & Spring boot, Microservices, Hibernate & JPA, Kafka, Jenkins, Git, Maven, Gradle, Oracle, MongoDB, Agile, AWS, Backend engineering, Design & Development, Problem Solving, Leadership, Collaboration and Adaptability
* Major contribution in the formulation of the company's backend architecture; assessing cost and feasibility, and ensuring the plan is aligned with and supports the strategic goals of the business.
* Created actionable insight and understanding, through the analysis of both quantitative and qualitative data, building recommendations that directly address business objectives.
* Maintains knowledge of the open-source and emerging data engineering technology trends to evaluate business and technical opportunities in the adoption of new technologies.
* Successfully lead the team of passionate engineers by example and have provided professional development coaching by goal settings, regular one on ones, evaluation, and constructive feedback to help them grow their careers, and foster an inclusive, positive culture that emphasizes strong ownership and accountability.
* Proactively identify areas of improvement and work with many cross-functional teams to deliver advanced solutions.
* Prepare detailed release plans for all the projects and assign ownership to each step. Drive install test, performance test, disaster recovery test, parallel test for different projects.
* Ensured business and technical stakeholder goals are aligned by driving mindful discussions that lead to crisp decisions.
* Resourceful, resilient, able to adapt to change and implement changes rapidly; always seeking continuous innovation and improvements.
* Excellent Agile Team player. Helped project managers to drive daily standups, planning, grooming, and retrospective meetings in the sprint.

**EDUCATION/CERTIFICATIONS**

**Bachelor of Computer Engineering (1997-2001)**

* + North Gujarat University, U. V. Patel College of Engineering, India
  + Google Cloud Digital Leader (October 2022)

**PROFESSIONAL EXPERIENCE**

**Cloud BC Labs**  **09/16 to Present**

**Sr. Software Engineer**

**Project: Account Validator Accessor:**

AVA is an internally built system used to identify AV attacks and prevent them from learning anything by blocking their authentication request. AVA Blacklist service is the central hub for gathering information on what traffic needs to be blocked. The AVA filter gets this information from the blacklist service, so it knows how to handle each login request.

As a **Senior Java developer**, I am responsible for the following:

* + Designed and developed a highly integrated application to route millions of messages in ordered manner between different applications across different data centers.
  + Design and developed Microservices using Java, Spring Boot using AGILE methodology.
  + Responsible for design and development of Block-List service component which provides restful web.
  + Developed Java filter for Login App to integrate the block-list service component and validate the traffic is legitimate.
  + Worked extensively on Kafka streams to aggregate data for 24 hours.
  + Involved in Kafka multi region cluster configuration, Kafka fail over testing.
  + Developed reusable components to connect to Kafka, Splunk.
  + Worked with the BAR team and configured CI/CD pipelines for Cloud Foundry.
  + Configured AppDynamics for production monitoring.
  + Developed Splunk API to retrieve log events, built dashboards on Splunk.
  + Worked with OCS call center users for production issues.
  + Mentored team members for effective communication, best practices, and processes to follow along with productivity.
  + Extensively worked on Junit test cases to pass enterprise SONAR server scanning for code.

coverage.

* + Collaborated with Quality Assurance, User Acceptance, System Operation team to ensure high quality deliverables and that software meets business, technical and operational requirements.
  + Created performance test, failover test, disaster recovery scenarios for multiple datacenters and worked with performance engineer and disaster recovery team to execute them.
  + Participate in Agile Story Grooming, Retrospective, and daily Scrum meetings.
  + We use GitHub for code management, including versioning and branching, integrated with

Jenkins, Urban Code Deploy (UCD) and VMware Tanzu Application Platform for CI/CD operations.

**Environment: Java 17, Spring Boot, Hibernate, Microservice, Junit/Mockito, Mongo DB, Jenkins, Jira, Confluence, Sonar/CheckMarx, Python, Gradle, Confluent Kafka 6.0, Splunk, Drools, GitHub, Udeploy, VMware Tanzu Application Platform, Apache Tomcat, Agile Methodology.**

**UBS USA LLC, Nashville, Tennessee 06/15 to 08/16**

**Sr. Software Developer**

* + **Partnership Portal** is to build a platform to provide third party firms with financial adviser data as described in the strategic data plan. The solution has an external site for partners, internal site for home office, field leaders, and admin site for the partnership team.
  + Responsible for design and development for UI and back-end components. Developed UI components using AngularJS and business components using spring, hibernate. Performed code reviews adhering to coding/quality standards.
  + Implemented REST Microservices using Spring boot.
  + Prepared test cases and extensively tested the customization to ensure the quality of the delivery. Responsible for sprint delivery and leading daily stand up. Technical/Business queries and issues resolution with the business team.

**Environment: Java EE8, AngularJS, JavaScript, CSS, HTML 5, REST Web Service, Spring Boot-1.2.5, Spring 4.1.7, Spring Web MVC, JRebel, Apache POI, AWS EC2, AWS Redis Cache, AWS Lamda**, **Check style-2.1.6, Gerrit Code Review, Oracle11, Tomcat 7.0, Jenkins 1.5, Git, JIRA, Agile Methodology, Scrum, Junit 4.0, JMock, IntelliJ IDEA, RedHat Linux.**

**Client Name: Burlington Northern Santa Fe (BNSF), Fort Worth, Texas 03/14 to 05/15**

**Sr. Software Developer**

* + **Terminal Process Control (TPC)** is designed to provide a common platform for all BNSF yard control systems. The TPC system plans, controls, tracks, and reports the movement of rolling equipment from the hump lead tracks to the classification tracks. Analyzed the requirements and designed UML diagrams and prepared high level technical documents. Designing and coding the core framework using JDK1.7, J2EE, Spring, JMS.
  + Responsible for sprint delivery and leading daily stand up. Involved in development and unit testing the code as per specifications. Involved in writing JUnit test cases for testing the application. The JaCoCo code coverage library is used. Developed a test automation tool to test applications.

**Environment: Java EE 7, J2EE, Spring 3.1, Eclipse 4.2, JMS, MongoDB, PostgreSQL**

**9.3.4 , Gradle 2.0, Jenkins 1.5, JIRA, Agile Methodology, Scrum, Jboss EAP 6.0, Junit 4.0, Mockito, JaCoCo Junit Code Coverage, RedHat DataGrid, UML, RedHat MRG, SVN, RedHat Linux.**

**Sabse Technologies Pvt. Ltd.** **10/09 to 01/14**

**Sr. Software Developer**

* **Secure365 billing engine** is a rest-based web service that enables easy integration in any existing application. Billing engine features include post-billing, pre-billing, recurring billing. Secure365’s billing engine supports units of time, events and volumes. Worked with the operations team and management to identify scenarios, review requirements, and prioritize items. Created initial designs and prototypes to refine requirements.
* Implemented PayPal, Moneris, citrus, HDFC payment gateways to process orders for different currencies. Developed code to satisfy payment card industry requirements (PCI). Implemented real time billing system to deduct call, SMS and data charges as per usage. Real time billing system is used for jaxtr sim cards. Integration with jaxtrsms, jaxtr sim to process online orders. Prepared test cases and extensively tested the customization to ensure the quality of the delivery.

**Environment: REST Web services (Jersey), Spring 3.1.1, AWS EC2, AWS Redis Cache, ApacheMQ-5.4.3, Hibernate-3.0, Maven 3, Log4j, Agile Methodology, Tomcat 7.0.27, MySQL 5.5, Apache Subversion 1.7.14, JSON, XML,Eclipse-3.4.2, Linux CentOS 6**

**Client Name: Vanguard Group, Pennsylvania** **06/06 to 07/09**

**Programmer Analyst**

* **VFP**(**Vanguard Financial Plan**)- Application takes personal and financial information from client, chooses target asset allocation selection by filling out investment questionnaire, taking info about internal and external vanguard accounts to use for investing and develops plan summary. After putting all the information in, the client can schedule the appointment with a vanguard planner or adviser to create a portfolio of investment. Paper clients can also use this application by requesting paper documents. Vanguard internally sends these client data to PlanIT application for planner to implement recommendation for clients. Involved in design of an application with different business users, analysts, Managers. Used Agile Scrum methodology for Application development.
* Developed UI using JSF, Resource Bundles and backing Beans. Used AJAX Framework for JSF to create a rich user Interface. Used ANT to create build scripts. Performed activities like team coordination and code review. Used PVCS version manager for source control management. Used Team Track Tool for defect tracking. Used Web Sphere as an application server. JProbe Suite and Application Expert are used for performance testing.

**Environment: Java2, JSF, jQuery, Agile Methodology, RAD-7.0, SOA, Oracle 10g, UNIX, Team Tracker, PVCS Version Manager, Exceed 10.0, Application Expert, JProbe Suite, Firefox, Fire Bug, Safari.p**