**Samir Kumar Pandey**

Senior Java Developer

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**SUMMARY**

* **16+ Years** of experience in software development, design, and support in Financial, Banking, Insurance and Telcom domain.
* Interacted in all stages of SDLC with customer to understand the business needs.
* Experience in **Micro Services** architecture using **Apache Camel,** **Spring Boot, and Groovy.**
* Developed various micro services and deployed on **AWS Cloud** Environment.
* Experience in **Spring Boot, Spring MVC, Spring Data, Spring REST,** and **Spring Cloud.**
* Understanding of Eureka, Zuul, Hystrix, and Ribbon (Netflix API).
* Experience in NO SQL database such as **MongoDB.**
* Understanding of **Dockers** container.
* Understanding of JavaScript frameworks such as Ajax, Node JS, and Angular 5.0.
* Experience in **Core Java, J2EE, JSP, Servlet, Struts, Spring Framework, Hibernate, JDBC, JMS, Oracle, DB2, PostgreSQL, XML, JSON, Junit** with **Power Mock, Easy Mock, Splunk, and Log4J.**
* Extensively worked on implementing Service Oriented Architecture (**SOA**) using, Java API for XML Web Services, **WSDL, JAX-WS, and JAX-RS** (SOAP & REST).
* Good knowledge of **Agile**, and **Waterfall** Developmentmethodologies.
* Used source safe tools like **CVS, SVN and GIT (Stash and Bitbucket).**
* Good experience with Continuous Integration tools like **Jenkins and Jira.**
* Proficient in using build tools like **Gradle**, **Maven,** and **Ant.**
* Good exposure in adopting the **J2EE Design patterns** to the applications like MVC, Front Controller, Business Delegate, Service Locator, Singleton, Factory, Helper, and Decorator etc.
* Good knowledge in Multithreading / Concurrency.
* Possessing strong analytical skills, an excellent team player with good leadership qualities and strong oral and written communication skills.

**EDUCATION**

* Master of Computer Application - 2005, Maharshi Dayanand University, Rohtak (Haryana, India).

**CERTIFICATIONS**

* **SCWCD** - Sun Certified Web Component Developer for the Java Platform, Enterprise Edition 5.0
* **SCJP** - Sun Certified Programmer for the Java 2 Platform, Standard Edition 5.0
* **SOA** - Fundamental

**TECHNICAL EXPERTISE**

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| Languages | JAVA (JDK 1.5, 1.8), J2EE |
| Java EE Web | JDBC, Servlets 2.4, JSP 2.0, JMS, EJB 2.0 |
| Web Frameworks | STRUTS 1.2, SPRING 3.x, SPING MVC 3.x, Spring rest |
| Application Servers | Apache Tomcat 5.0., Web Sphere 6.1 / 8.5, Weblogic10. |
| RDBMS | Oracle 9i/10G, Db2 8.2, PostgreSQL |
| TOOLS/IDE | Eclipse IDE 3.x, RAD 6, RSA 7.5, STS 3.6, SOAP-UI, CVS, SVN and GIT. |
| Operating Systems | Windows 95/98/NT/2000/XP/07 |
| ORM Framewo | Hibernate 3.x, JPA 2.x |
| Unit testing | Junit using Easy Mock, Power Mock, Mockito, and JMock |
| Build Tool | Ant, Maven 3.0, Gradle 2.3 |
| ESBs | Mule 3.x, IBM DataPower, Apache Camel 2.x |
| Other Web Technologies | CSS, JavaScript, HTML, XML, Ajax, Jason, JQuery, Node JS and AngularJS |

**PROFESSIONAL EXPERIENCE**

**Client: Aetna Health,** **NY.**

**Senior Developer Oct 2021 to Present**

**Project Title: Keycloak (Identity Access Management Tool)**

**Project Description:**

IAM, also known as identity and access management, is a framework of policies and technologies to ensure that the right users have the appropriate access to technology resources. IAM technologies are designed to simplify the user provisioning and account setup process. These systems should reduce the time it takes to complete these processes with a controlled workflow that decreases errors and the potential for abuse while allowing automated account fulfillment. We are using Keycloak as IAM tool. Keycloak is an open-source identity and access management tool with a focus on modern applications such as single-page applications, mobile applications, and REST APIs to allow single sign-on with Identity and Access Management.

**Project Title: PPC (Profile, Preference, and Consent)**

**Project Description:**

Member Preferences are used to track listed items indicated by members. It allows you to create and manage different preferences that these

members can see from their application. Universal consent preference management can help an organization streamline consent collection methods from various locations via a single dashboard.

**Responsibilities:**

* Went through the Software Requirement Specification document and Architecture document.
* Development of back-end components for new requirements using Java 8.
* Created AWS S3 bucket using terraform.
* Created AWS Redis cluster using terraform.
* Written Junit test cases.

• Performing Unit and Integration testing and Bug fixes on UAT.

• Fixed the accessibility defects for disability people in PPC.

**Environment/Tools/Technology:**  Keycloak, Terraform, Spring Boot, Core Java, AWS S3 bucket, AWS Redis cluster, Kafka, Git Hub, Junit, Log4j, OneLogin, Circleci(CI), Harness (CD)

**Client: Mitsubishi UFJ Financial Group (MUFG),** **NJ.**

**Tech Lead/Architect/Senior Developer July 2019 to Sept 2021**

**Project Title: KYC**

**Project Description: KYC** (Know Your Customer), It's a standard verification process common in ICOs, bank account opening and many more. **KYC** is a requirement by many authorities around the world to prevent money laundering and financing of terrorism. The objective of **KYC** guidelines is to prevent banks from being used, intentionally or unintentionally, by criminal elements for money laundering activities. Related procedures also enable banks to better understand their customers and their financial dealings. This helps them manage their risks in a well-judged manner.

**Responsibilities:**

• Coordinate directly with other areas of the bank clients to obtain relevant KYC requirements

i.e., Risk, Compliance, Legal, Business, operations.

* Went through the Software Requirement Specification document and Architecture document.
* Development of back-end components for new requirements using Java 8.
* Created batch job using Tidal.
* Created complex SQL view and SQL join.
* Written Junit test cases.

• Performing Unit and Integration testing and Bug fixes on UAT.

**Environment/Tools/Technology:**  Spring Core, Core Java, Multithreading, Oracle DB, Tidal job, Git, Bitbucket, Junit, Log4j.

**Client: Verizon, NJ.**

**Senior Programmer Analyst Nov 2017 to June 2019**

**Project Title: SMS, EPAM, EPS**

**Project Description:** The Verizon Online Business Portal has three projects i.e., Self-service Management (SMS), Enterprise Portal Account Maintenance (EPAM) and Enterprise Portal Service (EPS) which makes it easy to view, price and compare devices and accessories. Order new service, upgrade existing devices and order accessories-all in one central place. The Verizon Online Business Portal gives you a simple, secure way to bring all your billing information together and pay your bills quickly. It lets you fully manage your wireless service online, change plans, manage features, update user information and more.

**Responsibilities:**

* Technical documentation for the design of requirements provided by client.
* Went through the Software Requirement Specification document and Architecture document.
* Developed **Micro services** for the Wallet Conversion batch, Vision service, and GurdedLink service, using Spring boot, spring rest and Apache Camel.
* Written Junit test cases using Easy Mock, Power Mock.
* Reviewed the code for ensuring adherence to java coding standards.
* Used Jenkins to package, deployment and run applications in containers
* Attended daily scrum calls and follow agile scrum methodologies.
* Involved in defect cycle management to ensure that open defects are closed
* Defect solved in DEV, INT and UAT environment.

**Environment/Tools/Technology:**  Spring Rest, Spring boot, Apache Camel, Core Java, JSON, Oracle DB, AWS Cloud Server, Cloud Config, Git, Stash, Junit, Log4j, JBoss Developer Studio 7.1.1.

**IBM India Pvt Ltd**

**Client: MetLife, NC.**

**Senior Software Engineer March 2017 to November 2017**

**Project Title: GSSP**

**Project Description:** MetLife new GSSP platform (Global Sales and Service platform) enables to service and sales of the insurance products at the global platform based on the Country specific functions.

**Responsibilities:**

* Technical documentation for the design of requirements provided by client.
* Went through the Software Requirement Specification document and Architecture document.
* Developed Process diagrams and Sequence diagrams using UML tool.
* Developed **Micro services** for the prospect, product, quote, and payment generation using Spring boot, spring rest and groovy.
* Written Junit test cases using Easy Mock.
* Reviewed the code for ensuring adherence to java coding standards.
* Used Docker to package, deployment and run applications in containers
* Attended daily scrum calls and follow agile scrum methodologies.
* Involved in defect cycle management to ensure that open defects are closed
* Defect solved in INT and UAT environment.

**Environment/Tools/Technology:**  Spring Rest, Spring boot, Core Java, JSON, Angular JS, MongoDB, Spring Cloud Server, RabbitMQ, Junit, Log4j, STS 3.6.

**IBM India Pvt Ltd**

**Client: State Farm, IL.**

**Senior Software Engineer April 2015 to Feb 2017**

**Project Title: Customer Management Aggregator**

R**esponsibilities:**

* Responsible for Interacting with product owners/end users to determine application requirements, user problems, participating in architecture and design activities apart from coding, reviews, and status reporting.
* Participated in Requirement gathering and Analysis work.
* Developed Technical Design Document based on user’s requirement.
* Attended daily scrum calls and follow agile scrum methodologies.
* Participated in peer-review process of code-fix for the quality of the deliverables.
* Created REST based web services using Jersey API.
* Worked on Spring security for service authentication and authorization.
* Worked with XML and JSON contents.
* Integrated with SF core services with current service.
* Used Jenkins to publish and deploy WAR and EAR files.
* Written Junit test case using easy and power mock
* Prepared Unit and System Testing Specification documents and performed Unit and System testing of the application.
* Used Splunk for logs.

**Environment/Tools/Technology:**  Agile methodology, Spring rest, Spring Security, Core Java, Junit, JSON, DB2, Tomcat 5.0, Log4j, STS 3.4, Maven 3.0, Cloud management portal.

**IBM India Pvt Ltd**

**Client: Merrill Lynch (Bank of America), NJ.**

**Senior Software Engineer Oct 2014 to March 2015**

**Project Title: Market Risk**

**Responsibilities:**

* Participate in Requirement gathering and Analysis work.
* Creating High level design for the new development as well as enhancements.
* Integrated to Database through Hibernate for long term persistence of client configuration and critical market and trade related data for future reference.
* Used Microsoft SSIS to process large amount of data from different data sources and aggregate to a single database as a preprocessing and post processing step before start of day and after end of day for easier data loading and long-term maintenance of critical data.
* Used **UML**,withEnterprise Architect as tool, to take the requirement from client through use cases, Sequence Diagram, Activity Diagram to Class Diagram and detailed specification required for building the application.
* Massively multithreaded Java Concurrent fast processing components.
* Extreme programming and **test-driven** development to minimize dependency risk.
* Used **JUnit** for unit test, **Spring Test** for integration test and **JMock** for mocking interfaces in unit test.
* Created dedicated single threaded **parallel processing** architecture for extremely high throughput and extensible capacity.
* Refactored existing Java code and extended core **Java Collections API** to boost performance.
* Involved in coding and development.

**Environment/Tools/Technology:**  J2EE, Struts1.0, Hibernate, Core Java, Multithreading, Junit, XML, PostgreSQL, WebLogic 10.3, Log4j.

**IBM India Pvt Ltd**

**Client: Belgium Revenue and Excise tax dept.**

**Senior Software Engineer Feb 2013 to Sep 2014**

**Project Title: EMCS (Excise Movement Control System)**

**Responsibilities:**

* Responsible for leading a project team in delivering solution to our customer in the public sector.
* Deliver new and complex high-quality solutions to clients in response to varying business requirements.
* Responsible for managing scope, planning, tracking, change control, aspects of the project.
* Translate customer requirements into formal requirements and design documents, establish specific solutions, and leading the efforts including programming and testing that culminate in client acceptance of the results.
* Establish Quality Procedure for the team and continuously monitor and audit to ensure team meets quality goals.
* Have been involved in designing and implementation of critical Change Request.
* Have done performance tuning of the application by doing application Log analysis, profiling using inbuilt, Code optimization like (Removal of Thread contentions in the code, re-factoring code to remove Memory Leak).
* Worked on fixing high priority tickets and performing root cause analysis for the same.
* Have provided status for Critical Issues and defect.
* Conducted regular team meetings and tracking the status of tasks of the team.

**Environment/Tools/Technology:**  J2EE, Struts1.0, JPA, Core Java, Junit, XML, DB2, WebLogic 10.3, Log4j, RTC, IBM-DataPower, WebSphere Process Server.

**IBM India Pvt Ltd**

**Client: IBM USA.**

**Senior Software Engineer May 2007 to Jan 2013**

**Project Title: E-Pricer (pricing solution application)**

**Responsibilities:**

As a Business Analyst responsible for Analysis, design, development, testing and implementation of e Pricer CRM solutions for new implementations and upgrades for our IBM US customer.

* Responsible for leading a project team in delivering solution to our customer in the Automotive sector.
* Deliver new and complex high-quality solutions to clients in response to varying business requirements.
* Responsible for managing scope, planning, tracking, change control, aspects of the project.
* Responsible for effective communication between the project team and the customer. Provide day to day direction to the project team and regular project status to the customer.
* Translate customer requirements into formal requirements and design documents, establish specific solutions, and leading the efforts including programming and testing that culminate in client acceptance of the results.
* Establish Quality Procedure for the team and continuously monitor and audit to ensure team meets quality goals.
* Have been involved in designing and implementation of critical Change Request’s.
* Have done performance tuning of the application by doing application Log analysis, profiling using inbuilt, Code optimization like (Removal of Thread contentions in the code, re-factoring code to remove Memory Leak).

**Environment/Tools/Technology:**  Struts, JSP, Servlets, Spring, Hibernate, IBM MQ, Rational Application Developer 6.0, Rational Software Architect 7.5, UML, WebSphere.

**Aceva Technologies**

**Software Engineer June 2006 to March 2007**

**Project Title: Product ETL and ACM tools, Gurgaon, India**

ACM (Aceva Collection management): Aceva Collection Management changes collections from a manual, labor-intensive process to a streamlined, efficient operation. Aceva Collection Management is a strategic collection management application that automates collection processes and unlocks your working capital. With built-in collections best practices.

**Responsibilities:**

* Customization of application as per business requirements from clients.
* Analysis of Business and technical requirements.
* Construction of various components of the system using Java, XML, Presentation Services, Struts.
* Work with client testers to provide them suitable test environment by deploying the changes and create scenarios for enhancements and customizations to the core product.
* Preparing Check List, Inventory, Unit Test Plan.
* Involved in Unit Testing using J-unit.

**Environment/Tools/Technology:**  Windows 2000, Oracle 9i, Java, J2EE, Struts 1.0, Multithreading, Idea.

**Eon Technologies**

**Client: Occam System Pvt Ltd**

**Sr. Programmer Dec 2004 to June 2005**

**Project Title: PAMS, Gurgaon, India**

**Responsibilities:**

* Analysis of Business and technical requirements.
* Construction of various components of the system using Java, XML, Presentation Services, Swing.
* Development using Oracle 10g.
* Involved in Unit Testing using J-unit.
* Performed Application Developer role and involved in the Application development.

**Environment/Tools/Technology:**  Windows 2000, Oracle 9i, Java, Swing, Servlet, Jdbc, Event Handling, Oracle 10g, UML