

AMEY JADIYE | RESUME

Software Engineer and Consultant

Status: Associate Director @ UBS
Fields: Software Engineering, Consulting
Techs: Java, Python, Linux, Git
Activities: CP, Open Source, Fitness

Pune, India
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Summary

- Overall 10+ years of Java product engineering experience with Software development, production deployment and project coordination - REST, SOA, MVCs, business services in java/j2ee technologies, UI, web services, different APIs and interfaces for high volume applications in Investment Banking, Advertisement and Production Engineering Domain.
- Adopted Agile (Sprint Planning, Demos and Scrum Stand Ups), DevOps, Continuous Integration (CI/CD), Object Oriented Programming, TDD methodologies for E2E software development.
- Strong hands on with Core Java 8/11 (Multi-threading, Collections Data Structures, Design Patterns, Exception Handling, Streams, Lambda Expressions, Concurrent Libraries).
- Experienced building products with Spring v4.x Framework, Spring RESTful Services, Kafka, IBM MQ Swagger REST API documentation, Hibernate, Spring Boot framework, Spring Batch, Spring Integration, Spring Annotation driven configuration, REST etc.
- Strong with NoSQL JSON based document stores like distributed MongoDB, Apache Solr, Hazelcast, In Memory Computation.
- Hands on with build automation DevOps tools – Maven, Gradle, Jenkins CI/CD Pipeline, GIT branching and release, Fork Pull workflow, Docker/kubernetes containerization, AWS Console.
- Exposure to Micro-Services architecture, Service Discovery, Auto Scaling/Down Scaling, Event Driven Pattern, Aggregate containers logging with ELK Stack - designing and developing E2E Distributed and Highly Available (HA) services.
- Experienced writing Unit Test case automation builds, Spring Automated Integration test suites, Application performance Optimization and Profiling, Mockito Object Mocking framework.
- Active open-source contributor to Apache Software Foundation, Github and Stackoverflow.

Experience

Associate Director - UBS, Pune

2020 - Present

- Leading a team of enthusiastic engineers working on delivering MiFID 2 regulatory reporting solution. The system handles input from multiple front-office systems and captures exceptions arising from them, all of them then reports to regulators
- System uses microservices like architecture built on top of Spring Boot, connected with Kafka to exchange JSON messages. UI is built with Angular for actions, approvals from users.
- All the application is recently migrated from on-prem to Azure Kubernetes Services, Oracle is replaced with Azure Postgres.
- **Tech Stack** - Java 8, Spring Boot 2, Spring Integration, Kafka, Docker/K8, AKS, Cassandra, Oracle/Postgres, Angular, Python, Bash.

- Have been working on strategic projects for one of the most critical application in Prime Services which daily processes more than 120k transaction across different product types like Equity, Options, Fixed Income, Foreign Exchange, Repos, Mortgage Based Securities and the system also process wire transfers worth 4 billion dollars every day. SME For Cash Wire system.
- Technically driving projects demonstrating ability to work above and beyond current responsibilities. On many occasion, I have challenged existing design/architecture and provided numerous improvements and innovative solutions. Changed design of many components over period of time to improve performance, bring efficiencies and provide better operational control and stability for applications. Developed utilities to reduce manual effort for Development and QA team members.
- Part of GM TechEnclave India program and closely working with Core Engineering and GM India Architecture team. Have completed proof of concept for SOLACE messaging and Productionised it. PBS was the first application in Global Market to use SOLACE successfully in production. Worked with Global Market India Architecture group for containerization of phoenix application using Docker.
- **Tech Stack** - Java 8, Spring JMS, Spring Rest, Spring Boot, Spring Integration, Spring Batch, Hibernate, Weblogic, Docker/K8, Oracle, Sybase, EJB, Jsp, jBPM, Python, Bash.

- Created and maintaining **20+ AppNexus cloud servers** along with very high end 12 AWS servers which are getting around a 5 billion requests in a day.
- Processed and analyzed **Terabytes** of data stored in **HDFS** with the help of **Apache Hive** and **Map reduce** technology and dumping analyzed data to mysql for the reporting.
- Maintaining around 100 Million documents using **Apache SOLR**, experience in development, deployment and maintenance of 8 server Solr cloud backed-up with 3 zookeepers.
- Built the **Machine learning** system with help of apache lucene/SOLR for document classification. Post processing the data with help of Web crawler and keep indexed data for the serving to billions of requests.
- Maintaining the Gigabytes of analyzed data on In Memory tools like memcached, custom cache built in **C** to serve requests strictly in **microseconds**. Understanding the crucial functionality from client, document it and passing to co- workers.
- Writing the well maintained, structured, robust code according to software engineering in **C, Core Java, Spring framework, HDFS, Apache Hive, XML, JAX-RS, JAXB, Java Mail, Java Multithreading, Shell scripts, Python** for the different functionality working in sync. Oversee workflow for design, development, and deployment Testing, Process, Learning, UI, etc.
- Executed and oversee work efforts to deliver timely and quality results. Plan and facilitate review, refinement, analyze cross-impact and prioritization of new functionality idea.
- Writing the technical design document for the back office team on low level, creating the architecture of the new functionality using the J2EE standards and software engineering.
- Work directly with management, front office team, infrastructure team to ensure that Web-site operate at peak efficiency.
- Coach teams in enhancing the readability, extensibility/reusability and testability of code and modules/packages. Propagate and guide teams to use refactoring techniques and debugging techniques.
- Provide development support for improvement initiatives. Developed tools to help the development community adherence to best practice guidelines. Performing the through testing before releasing the project to production.

- Automate manual processes that require manual intervention. Mentor junior associates and college recruits to adhere to software quality and guidelines and adopt efficient tools.

Software Engineer - Atos India, Chennai

2010 - 2013

- Understanding the crucial supply chain and capacity management functionality from client and writing the low level requirement document for the team of developers. Oversee workflow for design, development, and deployment Testing, Process, Learning, UI, etc.
- Execute and oversee work efforts to deliver timely and quality results. Plan and facilitate review, refinement, analyze cross-impact and prioritization of new functionality Idea
- Writing the technical design document for the back office team on low level, creating the architecture of the new functionality using the J2EE standards and software engineering.
- Work directly with management, front office team , infrastructure team to ensure that Web-site operate at peak efficiency
- Creating the data models with Hibernate ORM to fit into robust functionality of DCP , Extensively worked with HQL and hibernate criteria queries. Provide initiative status updates including delivery dates, roll-out plans, issue escalation and change management.
- Serve as a liaison to the offsite champions. Coordinate tasks and activities with offsite champions to ensure that tools and processes are effectively communicated and adopted within the offsite communities.
- Coach teams in enhancing the readability, extensibility/reusability and testability of code and modules/packages.
- Gather offsite feedback, pain points/opportunities for improvements Propagate and guide teams to use refactoring techniques and debugging techniques. Provide development support for improvement initiatives. Develop tools to help the development community adherence to best practice guidelines
- Automate manual processes that require manual intervention Mentor junior associates and college recruits to adhere to software quality and guidelines and adopt efficient tools.
- Served as an analyst/Developer the Brokerage team's J2EE application Analyze the existing system UI, WebServices, core Java code and EJBs to accommodate a multi-million dollar change of Vendor
- Responsible for code asset management for the application and promotes reuse. Standardize a lot of java code and include JUnit testing after the fact. Get an overall picture of the code and design to refactor them with reusability and maintainability in mind
- Document each proposed change to be able to perform unit/integrated completed system testing once coded.
- **Tech Stack** - JDK 1.6, J2EE, Hibernate, Struts 1.2.9, Spring 2.5, Spring-Batch, Tomcat, Oracle 10g, Display tag, Maven.

Student Assistant / Programmer - RC Patel Institute of Technology

2008 - 2010

- Developed the required informative sites for collage ex. for various events, mass data collection portals etc.
- Developed Complex Feedback System for collage which include collecting requirements from Staff of collage and release application with agile methodologies.
- All the application developed for collage were in PHP, AJAX, MYSQL & HTML/CSS and still support and consultancy is being provided to collage.

Achievement

- Techgig Code Gladiator Finalist, AIR 178 (2019).
- Credit Suisse Advent Of Code, Top 10 (2019).
- Global Market APAC Star Award. (2017).
- Block-Chain Hackathon winner, Credit Suisse(2017).
- Credit Suisse, India Hackathon winner (2015).
- Ranked In Top 3 India level Atos Employee Skill assessment (2013).
- Consistent Performer Rating, Atos India (2011, 2012, 2013).
- Excellence Award, Atos India(2011).
- University Topper 1st in Physics (June 2007).
- Collage Topper 1st in Physics, 2nd in Math (June 2006).

Education

BE Computer Engineering <i>North Maharashtra University</i>	(First Class Distinction)	2010
HSC Board <i>RC Patel Jr. Collage, Shirpur</i>	(First Class Distinction)	2006
SSC Board <i>MJ Fule Highschool, Shirpur</i>	(First Class Distinction)	2004

Personal Details

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• DATE OF BIRTH	9 th December 1988
• SEX	Male
• LANGUAGE KNOWN	Marathi, English, Hindi

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Amey Jadiye