

**AWS, SCJP & OCWCD certified**

**ABHISHEK APTE**

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Career Summary:

A performance-driven professional with 15+ years of progressive expertise in techno-functional leadership and problem-solving skills. Deep understanding of business priorities committed to managing projects and operations flawlessly while contributing to revenue-producing activities. Cross-functional communicator easily interfaces with high-profile staff, vendors, and customers. Versatile, innovative, and loyal management professional able to see the “big picture” while staying on top of all the details.

Technical Expertise:

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| --- | --- |
| Operating Systems | Linux, centOS 5.4, Solaris 10 x86 32/64 bit |
| Languages | Java, J2EE |
| Databases | Oracle11g, Postgres 9.0.2, Sybase 11 |
| Technology | Java, J2EE, SpringBoot, Microservices, Kubernetes, JPA, Redis, Json, XML, JMS, JUnit, Shell Scripting, WebSphere, Oracle, GIT |
| Application/Tools | RAD6, Eclipse, SVN, WSAD5.1.x, JBoss4.2.3GA, Clear Case, Clear Quest, ANT, Maven, JIRA, ServiceNow, Selenium, Citrix |
| Domain | Media & Entertainment, Logistics, Telecom, BFSI, GIS |

Education, Certifications & Trainings

* **Master of Computer Applications (MCA)** from **Birla Institute of Technology**, MESRA
* **AWS Certified Solutions Architect**
* **Sun Certified Java Professional (SCJP)** certification with 83%
* **Oracle Certified Web Component Developer (OCWCD)** certification with 95%
* Struts based WebSphere Portal training

Awards & Recognitions:

* GBS GD Eminence & Excellence Award, 2013 (IBM India Pvt. Ltd.)
* GBS GD Eminence & Excellence Award, 2012 (IBM India Pvt. Ltd.)
* GBS Eminence & Excellence Awards for Vodafone India Ltd. Account, 2011(IBM India Pvt. Ltd.)

Professional Experience

* Have architected, modeled, and developed services, system modules and components using technologies such as JAVA, Spring, JPA, Microservices, Spring boot, Kubernetes, REST etc.
* Vast experience in Agile, Scrum, TDD and Waterfall SDLC models. Performed as Tech Manager for multiple full life cycle projects.
* Extensive experience as Tech Manager in Designing, Development, Testing, Implementation and Maintenance of Enterprise Web Applications using Spring, Web Services, SOA Architectures.
* Expert knowledge in Continuous Integration and Continuous Deployment (CICD) using DevOps tools SSH Jenkins etc.
* Experience in various Application Servers like WebSphere, JBoss and Tomcat.
* Strong knowledge and understanding in J2EE Design Patterns.
* Good experience in Linux environment writing scripts using Linux/Unix shell programming.
* Accountable and instrumental for End to End Project Execution / Monitoring
* Good experience with Build Tools Maven, Ant and version control tools SVN, ClearCase.
* Expertise in Unit Testing using Junit. Performed User Acceptance Testing (UAT) to ensure business requirements have been fulfilled.
* Strong communication and team skills, ability to work independently without any supervision

1. **Working with Tech Mahindra Americas, (May 14 – Till Date), Eagan, MN as Tech Manager**

Projects Undertaken:

1. **Load Traffic Controller (LTC) – Thomson Reuters Corporation (TRC) (March 2017 – Till Date)**

This tool allows a small number of Load Managers to direct the loading of large amounts of data from multiple publishing systems to multiple load platforms viz. Classic Mainframe WESTLAW, Novus & NAL Warehouse.It abstracts interaction with load platforms to simplify load management and provides features to automate routine functions. It can manage dependencies between loads to different collections and different platforms & accepts requests from Users through a web-based GUI, or directly from automated systems. Additionally, it provides real-time event notification via E-mail & MQ, URL, or Socket posts for automated systems. It provides real-time reporting of current and historic load processing and has many features that can be directly accessed by automated systems

**Responsibilities**:

* Responsible for designing the end-to-end process flows based on the requirement.
* Developed the application using JAVA, Spring, JPA, Microservices, Spring Boot, Kubernetes, Redis, Shell scripting, Oracle 9i
* Developed unit test case scenarios using Junit
* CI/CD using Jenkins and GIT
* Deployed the application across DEV, QA over WebSphere and Tomcat
* Followed agile scrum methodology by having 2-3 weeks sprint
* Promoted the application into production environment and validated the production deployment on cloud
* Provide L3 support to application in production
* Submit project deliverables, ensuring adherence to quality standards
* Documentation for knowledge management. Ensuring technical and production Support from onshore

1. **New Traffic History System (NTHS) – Norfolk Southern Corporation (NSC) (March 2016 – Feb 2017)**

The existing traffic history system is a source of marketing tool to be able to view detailed information on shipments, tons of freight and revenue segregated by various traffic categories or by overall customer. This system provides the data used to report to governmental agencies (AAR, STB, and SEC) and provides the core revenue data used for accounting purposes. The function of this project is to replace the existing traffic history system with a new system in latest technologies for scalability.

1. **New Joint Wayside Detector System (JWDS) – Norfolk Southern Corporation (NSC) (March 2016 – Feb 2017)**

The New Joint Wayside Detector System (JWDS) will replace the existing system, which support the real time detection of mechanical defects and breakdowns. It’ll replace the desktop-based application with Web based application to integrate all the components of systems.

**Responsibilities**:

* Develop and update project plans.
* Monitor or track project milestones and deliverables.
* Confer with project personnel to identify and resolve problems.
* Develop and manage work breakdown structure (WBS).
* Submit project deliverables, ensuring adherence to quality standards.
* Prepare project status reports by collecting, analyzing, and summarizing information and trends.
* Direct or coordinate activities of project personnel.
* Establish and execute a project communication plan.
* Assign duties, responsibilities, and spans of authority to project personnel.
* Manage project execution to ensure adherence to budget, schedule, and scope.

1. **Verizon Telematics – Web Application Migration (ATL-MIA-BEIJING) (May 2014 – Dec 2015)**

A migration projects for multiple applications within its scope to design and build new environment for OSS Web Applications.

**Responsibilities**:

* Design and building new environment for OSS Web Applications. Build a Production & staging platform on new Production & Staging environments built from current Production environment.
* Provide testing support to Miami Production & Staging QA-Integration test certification and Miami Production & Staging cutover support.
* Provide testing support to ATL SIT QA-Integration test certification and Atlanta SIT cutover support
* Provide testing support to Beijing Production & Staging QA-Integration test certification and cutover support
* To meet future demands of scalability, shorter response times, and improved reliability.

1. **Worked with IBM India Pvt. Ltd., (June 2011 – April 2014), Pune as Project Manager**

Projects Undertaken for **Vodafone India Limited (VIL):**

1. **IBM Private Cloud Implementation -** Private clouds offer an easy solution to help businesses take advantage of many of the inherent benefits of Cloud computing without compromising on security and control. For Vodafone India, IBM has set up private Cloud and migrated number of applications on it. Private Clouds provide the benefits of Cloud economics and scalability at par with public Clouds; it also offers additional benefits suitable for business users viz.

* Cost Savings - Gives the key benefit of better resource usage by effective pooling and distribution of resources. This result in a drastic reduction of resource wastage, offering increased infrastructure cost savings.
* Furnishes a chargeback model that helps individual units better utilize their budgets, especially in today’s economic climate where budgets are limited by deeper cost cuts.
* Removes the need for re-architecting the existing applications to meet the requirements of public Cloud environments, thereby, saving additional costs.
* Business Agility - Provides on-demand availability for all business units without the long wait associated with the traditional IT procurement process. This results in increased agility across all the
* business units, benefiting the organization in terms of cost, faster time to market, and higher productivity.
* Supplies better workload management in terms of faster deployment, easy management, higher reliability and better scaling than the traditional IT infrastructure.

1. **Consent Gateway:** This project devices 2nd consent of VAS services for auto renewal and activation as per the TRAI Mandate. All subscription of various VAS services using different channels will be processed for activation only after 2nd consent has been taken. VAS activation will reach on VAS platforms seeking first confirmation and seamlessly patched to CG for second confirmation. After getting the second confirmation, patch the session to subscription engine (MSG) for VAS service charging & activation. After activation there will be 2nd consent of VAS service’s auto renewal. After taking 2nd consent that service will be renewed by forwarding request to respective channel. This project has a reporting module to help the different users to view the reports.
2. **VF SuperStar:** Business wanted a system to be developed which will be used for calculating points for retailers. The points can primarily be earned by doing activations and recharges on behalf of subscribers.
3. **MNP Retention Tool:** Business wanted an MNP Retention Tool for retaining prepaid customers wish to port out of Vodafone network. This application typically has ability to maintain Customer Segmentation (Segment to MSISDN mapping), ability to maintain Segment to Offer(s) mapping, ability to maintain customer (MSISDN) who have requested for UPC, ability for Retention Agents to pitch retention offers to these customers, ability to activate offers (online integration with UPSS) and ability to view reports.
4. **USSD Tool:** Business wanted USSD interface output to be developed in association with VF SuperStar which can be accessed by retailers. This was to provide information regarding products, payouts, document status, retailer performance, MNP status, Payouts and R&R programs. This all must come via Single USSD short code provided for pan-India.
5. **SMS to Field Force:** There was a requirement for the Sales support team to send SMS to their field force representatives informing them about their KRA and performances. The MSISDNs to which the SMS needs to be sent shall be uploaded by the Sales support team in the portal.
6. **RM Attendance**: RM Attendance Application caters to the tracking of the Vodafone Field Staff presence in the market. The field staff would send SMSes to a defined Short code and the SMS would be used to track the location and time.
7. **Online Budget Tool:** This Tool processes setting a new budget cycle, capturing various items under multiple categories at circle level, and then aggregating them at a corporate level. It also details the approval flow and rejection scenarios. It also helps in defining CAPEX and OPEX at every circle level during each budget cycle. The inputs would come from various circles to a corporate finance team, who can either approve or request for modification of the same. Once CAPEX/OPEX figures are accepted from all circles, the budget cycle is frozen, and only then a new budget cycle can be opened.
8. **Network Regulatory Portal:** Business wanted a Network Regulatory Portal; where the circle quality SPOC will enter the values of the KPIs. These KPI values will be reviewed and approved by the approving authorities. The portal will generate monthly report (circle wise), the entire year’s summary report and a trending for the past year. It is required to have an automated method in place for efficient & fast post-processing management of data collection and reports.
9. **SMS Alerts Application:** Business wanted to monitor the flow of revenue and keep a track on the KPI s by sending automated SMS alerts to the Sales Channel executives at regular interval of time in a day. This application will have the hierarchy of Sales Channel Executives for UPW Circle( for prepaid mobile telephony); it will calculate the count of the events like HAC1, HAC2, UAO, UEO, URO and CIF to send SMS alerts to the appropriate executives in the hierarchy on a predefined time with the information of events.
10. **URL Configuration:** The requirement is to have a feedback/survey application for the Vodafone On-roll and Off-roll employees for UPW Circle. The feedback from the users is captured manually by the Department SPOC for UPW Circle. This application was developed to track the feedback of the users automatically by the Department SPOC.
11. **Network Complaint Portal:** Business wanted a web-portal to be developed for Karnataka Circle through which the call center agents can provide firsthand information to the customers who are complaining about the network problems. Here the NSN team will FTP the data on the specified location, the application will access the server to get the data feed automatically as an hourly scheduled job. A front end is provided in the application for the call center executives to search the area and the BTS where the network outage has occurred. The application supports the functionality to extract reports through the front end on demand by the call center managers.

**Responsibilities**:

* Helping BAs gather requirements
* Design review, preparing project plan, analyzing risk and instigate avoidance activities,
* Tracking and reporting on progress to plan
* Analyzing the actual performance against the plan and adjust consistent with plan objectives,
* Keeping all stakeholders informed of progress and issues, carrying out technical and functional discussion in design reviews and key decisions as well as risk strategies,
* Assuring timely adaptive action is taken, managing change to preserve business plan commitments,
* Forefront in management and technical decisions, arbitrating and resolving conflict and interface problems within the project and providing input on the performance of project team members to supervisors.

1. **Worked with Avaya India Pvt. Ltd, (Dec 2007- May 2011), Pune as Sr. Technical Lead**
2. **Panther Scheduler (April 2008 – May 2011)**

Panther Job Scheduler is an enterprise software application responsible for executing unattended background operations. With this the job owner can schedule a job either using a GUI, or by triggering a set of APIs. It acts as a single point of control for defining and monitoring of background executions. The Panther Scheduler Utility is wrapped around a third-party scheduling application called Quartz. The wrapper provides a state-manageable interface so the Scheduler Utility can be managed by subsystem administration. This wrapper is exposed to Scheduler Management Service by a session façade. The session façade is a Session Bean, which has all required methods exposed.

1. **Panther Installer (Dec 2007 - April 2008)**

The Avaya Installation Framework provides the Avaya product teams, an installation experience that will be the same regardless of what Avaya software product is being installed or what operating system the software is being installed on. The framework is also meant to ease the burden on product development teams such that much of the work is done for them and they just need to provide certain inputs to the framework in order to produce product-specific installation software. Undertaken design and implementation of the following modules:

* Software release inventory.
* Patching, Update, Upgrade and Rollback framework.
* Crash recovery and Cancellation support.
* Framework Uninstaller.
* Avaya Integrated Management System Manager Installer.
* Automation of JBoss, Apache HTTP Server, ModJK and Stunnel cluster configuration.
* Installer Build automation.
* Test Cases automation using selenium suite.

1. **Configuration Audit Framework (CAF)**

A reusable architecture for creating an audit framework for checking system configuration, hardware & software configurations, versions, connectivity etc. The purpose of the CAF is to provide a way for product teams to generate configuration audit tools. The pre-install tool can be run to validate if all pre-requisites are in place. The post-install tool does basic validation and tests that the system is setup properly. The pre-install and the post-install tool could also be run automatically as a part of the product installers.

**Responsibilities**:

* Leading a Team
* Followed Agile methodology for project execution
* Developed application with Quartz 1.6.0, IzPack frameworks and Core Java, EJB3.0, XML, Ant 1.6.5, Maven 3.0.3, Oracle9i/10g, Postgres-9.0.2, Shell Scripting
* Deployed application on DEV, TEST, QA and PROD over different OS viz. Win XP, centOS 5.4, Solaris 10 x86 32 bit, Solaris 10 x86 64 bit
* Deployed the application on Jboss 4.2.3GA application server
* Developed the application using WebSphere Rational Application Developer 6.0
* Writing Junit test cases for developer end testing.
* Management of all the source files related to the project in ClearCase/SVN
* Quality assurance using ClearQuest, SVN, Mercury Quality Center

1. **Worked with Capgemini Consulting (Kanbay Softwares), (Aug 2006 - Nov 2007), Pune as Consultant**
2. **Wolters-Kluwer’s Analytics Transformation (May 2007 - Nov 2007) - ACXIOM Corporation, US**

It provides the UI for the user to Extract-Transform-Load (ETL) the data. It has multiple modules under two sub-components viz. web and model. Web part is for the UI purpose and the Model part is for business module consisting of business logic and the functionalities. The user interface enables the user to set processing parameters for file validation and an auto-promotion indicator for each file, which would allow the file to move without manual intervention to a staging area for downstream processing such as map, convert and cleanse. The GUI allows contact data to be specified on a file-by-file basis. Each file’s characteristics include the receipt start date, transmission interval, expected size and allowable variance, encryption and compression features, and whether it arrives as a file set.

**Responsibilities:**

* Leading a team of 4 developers
* Use case writing, designing LLD, Code development using JSR 168 Struts Portlets, Spring, Hibernate, JSP, Core Java, EJB, XML, Shell Scripting, Perl Scripting & Code review.
* Deployed application on IBM WebSphere Portal Server 5.1
* Writing Junit test cases for developer end testing.
* Management of all the source files related to the project in ClearCase/SVN
* Developed the application using WebSphere Rational Application Developer 6.0
* Quality assurance using ClearQuest, Mercury Quality Center

1. **TUXML Enablement (Feb 2007 - May 2007) – TransUnion Corporation, US**

TURF accepts TUXML requests from TUDesktop for a set of products that will be identified by TUDesktop. Upon receiving the requests TURF will act as BAU and pass through the request to CPA. However, before passing the requests that TURF does not support on to CPA, the request will be interrogated to determine if it is in TUXML v2 format and the product code requested is in a list of "TUXML Enabled" products. If this is true, then the request will be translated to a TU4 version 1 fixed field message and that request will be forwarded on to CPA. Upon return of the response from CPA Turf will need to translate the response TU4 version 1 response FFM back to a TUXML v2 response.

1. **TransUnion Routing Framework (TURF) (Aug 2006 - Feb 2007) – TransUnion Corporation, US**

This project has been developed for TransUnion (USA), to provide customer’s credit information to the various financial organizations. Transunion product, TURF is a routing framework that takes the request from one end, processes it and sends the information to the other end and then responds. A client’s request, in TU4I format, comes to the TURF Gateway, which invokes the Router for request processing. The Router then invokes the L2C Application which processes the request by converting it into TUXML format. Depending upon business rules it decides response and how to gather the information from within the system itself or from the TP vendor. And henceforth the score is calculated based upon the business rules and that score along with the required information are handed over to the client in the required format.

**Responsibilities:**

* Leading a team of 3 developers
* Use case writing, designing LLD, Code development using Core Java, XML, Shell Scripting & Code review.
* Deployed application on IBM WebSphere Portal Server 5.1
* Writing Junit test cases for developer end testing.
* Management of all the source files related to the project in ClearCase/SVN
* Developed the application using WebSphere Rational Application Developer 6.0
* Quality assurance using ClearQuest, Mercury Quality Center

1. **Worked with Larsen & Toubro Infotech Limited, (Sept 2005 – Aug 2006), Pune as Software Engineer**
2. **Aviation Certificate Remediation (Sept 2005 – Aug 2006) – Marsh UK Ltd., UK**

Aviation Certificates Remediation' is a tool for the distribution of Aviation Insurance Certificates electronically instead of couriering to the clients. It had role based access and workflow to the certificates.

**Responsibilities**:

* Analysis and design the client requirements
* Documentation of functional specifications.
* Use case writing, designing LLD, Code development using JSR 168 Struts Portlets, Spring, Hibernate, JSP, Core Java, EJB, XML, Shell Scripting, Perl Scripting & Code review.
* Writing Junit test cases for developer end testing.
* Deployed application on IBM WebSphere Portal Server 5.1
* Management of all the source files related to the project in SVN.
* Developed the application using WebSphere Rational Application Developer 6.0
* Quality assurance using ClearQuest, SVN, Mercury Quality Center

1. **Worked with Cybertech Systems and Software Ltd, (May 2005 - Sept 2005), Mumbai as Programmer Analyst**
2. **Logistics Solution (May 2005 - Sept 2005) - ESRI (Environmental Systems Research Institute), US**

The application was developed for ESRI using webservices, arcweb, and SOAP for helping the logistics companies and their customers. This software helps to locate the most optimized and efficient path for their customers for their destination to reach.

**Responsibilities:**

* Analysis and design the client requirements
* Writing and analyzing the Code using Spring, Hibernate, SOAP, Maven, Servlet, Flex, DataManager
* Writing Junit test cases for developer end testing
* Documentation of functional specifications.
* Management of all the source files related to the project in SVN.

1. **Worked with Qubyx Softwares, Jan 2004 – May 2005, as Software Programmer**
2. **Meter Inventory System (MIS) (Jan 2004 – May 2005) - Calcutta Electricity Supply Corporation (CESC), WB**

Database site office is Strategic Business Unit of CESC Ltd. All their activities like Meter Stock Inventory Control System, Meter Fixation and Allocation Details, Daily Job Allocation to site office Employees, Fault Register, Maintenance and corresponding action taken for the faults and Daily Report Book were centralized under the single system. The system provides instant reflection of all the activities at the managers’ desktop for all the site offices.

**Responsibilities**:

* Analysis and design the client requirements
* Writing and analyzing the Code using Java, JSP, Servlet, Sybase
* Writing Junit test cases for developer end testing
* Documentation of functional specifications.
* Management of all the source files related to the project in SVN.