

Executive Summary

- **14 years** of experience in software development includes Analysis, Design and Development of Enterprise applications. Involved in all phases of **Software Development Life Cycle (SDLC)** of software applications in client/server environment, Object Oriented Technology and web based applications.
- Extensive experience in design and development of multi-tier applications using **Core Java, J2EE, Hibernate, Spring, XML, REST, Junit**.
- Solid Hands on experience in **Java/J2EE**.
- Designed and developed application using **MEAN STACK (Mongo, Express Angular and Node)**.
- Experienced in developing the application using the key features of **Spring** like **Dependency Injection, Aspect-Oriented Programming** including Spring's declarative transaction management, Spring **JDBC Template**, Data source management, **Spring MVC** web application and **RESTful** web service framework.
- Worked on **Open stack** and **cloud virtualization**. Designed, built and deploy applications on **Docker** and **AWS clouds**.
- Worked on end to end solutions for Internet of Things (**IOT**) including software and hardware.
- Hands on with **Open ID Connect** and **OAuth** Specification and Integration for business needs.
- Hands on experience in **Junit 4** and **JMock** for integration testing and performance testing.
- Expertise in **XML/JSON** and related technologies (**SAX, DOM and JAXB**).
- Experience in maintaining the Build system using **Jenkins**.
- Worked on different Application and Web Servers like **Apache Tomcat** and **JBoss**.
- Proficient in using RDBMS concepts with **Oracle 10g/11g** and **MySQL**.
- Experienced in **cloud infrastructure and environment** setups like **Amazon EC2 & SES**.
- Experience in client side Technologies such as **HTML5, JavaScript, jQuery** and **CSS**.
- Profound experience in developing different web application using the **Agile** and **Scrum Methodologies**.

Technical Skills

Technologies	Java, J2EE, Node JS, Express JS,
Frameworks/Libraries	Spring, Spring Batch, Hibernate, Jasper/iReports, Junit, Selenium
Presentation/UI Frameworks	Angular 5, jQuery, HTML, CSS, XML, JSON, Ajax, Vue JS, Quasar
Tools	Intellij, Webstorm, Eclipse, STS, Ant, CVS, SVN, Git, Jenkins, PMD, Check-style, Putty, Cygwin, Rally, Sonar, Bamboo, Splunk
Platforms	Databases (MySQL, Oracle 10g, 11g), MongoDB OS (Linux, Windows), Servers (Tomcat, JBoss), Containers (Docker engine) Openstack
Design skills	OOD (Object Oriented Design), AOP (Aspect Oriented Programming), Design patterns and UML.
Software Development	Agile methodology (JIRA), RALLY
Cloud Technologies	AWS, Heroku, Openshift

Employment Summary

- Staff Software Engineer at **VISA Inc, May 18 – till date**.
- Consultant at **Cisco, May 17 – May 18. (Employed with Proactive Technical Services INC)**

- Consultant at **VISA Inc, Mar 15 – May 17. (Employed with Proactive Technical Services INC)**
- Software Engineer, **IB Technology, Jul 13 – Jan 15.**
- R&D Engineer 2, **Airvana Network Solutions, Apr 13 to June 13.**
- Software Engineer, **Ignis Technology, Jul 10 to Mar 13.**
- Developer at **Vihangam Yoga Sansthan, Feb 09 to Mar 10.**

Education & Certifications

- Spring Source Certified Spring Professional.
- Oracle certified Java 6 Programmer.
- Oracle certified Java EE 5 Web Component Developer.
- Bachelor of Engineering in **Electronics** from **Bharati Vidyapeeth University PUNE** in **2008.**

Professional Experience

VISA- Enterprise Reconciliation System

May 18 – till date

MEAN Stack Developer

Summary:

Enterprise Recon System (ERS) is a web-based application developed on MEAN Stack. Its purpose is to reconcile the transactional charges between Visa and Master Card. It manages the report generation and change control.

Responsibilities:

- Understand functional requirements and business implementation flows, participate in cross-functional design and review discussions, document design specifications.
- Coordinated and collaborated with business units to channelize and freeze the requirements and break those to multiple sprint cycle.
- Created wrapper framework using Node JS to increase the code usability and scalability.
- Developed a generic parser to parse and read the different file format from multiple sources like TOCH file, BIA file, TC10/20.
- Developed and designed ERS Batch module. Implemented call-backs to achieve parallel execution of several reports.
- Integrated ERS mailing service for the report generation and notification module.
- Improved the logging and debugging of the application.
- Designed and Implemented UI screens for Currency based reconciliation using Angular Material.
- Improved the code coverage of the application.
- Maintained the Documentation of the business requirements.
- Worked on the migration of Mainframe functionalities to the open systems comprised on MEAN Stack.
- Provide rotational on-call support as per schedule.
- Writing the functional Unit Test cases with Mock implementation.

Technologies: Node JS 8, NPM, Angular 6, Angular Material, Git, Confluence Wiki, Linux

Proactive Technical Services (Client: Cisco) Retail Backup Module

May 17 – May 18

MEAN Stack Developer

Summary:

RBM (Retail Backup Module) is an IoT based solution for providing a backup support if the primary network goes down. A device IR809 routers are configured to detect the failover and switches to cellular if primary network goes down.

Responsibilities:

- Understand functional requirements and business implementation flows, participate in cross-functional design and review discussions, document design specifications.

- Developed and designed User authentication and authorization module.
- Developed the validation framework for switch provisioning.
- Developed and exposed the REST APIs using Node Js for Active Session, User management, Maintenance window, Device Logs, Alarm and Notification.
- Created the Docker Swarm cluster for application deployment.
- Developed UI screens for Active Session, User management, Maintenance window, Device Logs using Angular material.
- Writing the functional Unit Test cases with Mock implementation.

Technologies: Node JS 6, NPM, Vue JS, Quasar framework, Git, Confluence Wiki, Ubuntu 16.04, Docker Engine.

Proactive Technical Services (Client: VISA) App Request Manager

Mar 15 – May 17

J2EE Developer/Consultant

Summary:

ARM provides the platform where all the incoming requests to the VISA Checkout are made more secured, encrypted and tokenized. It is the only point of contact where the entire incoming requests are delegated to their respective downstream calls. All the REST calls are intercepted by ARM. ARM talks to other VISA proprietary application like VISA Checkout, Wallet Services, and VISA merchant.

Responsibilities:

- Understand functional requirements and business implementation flows, participate in cross-functional design and review discussions, document design specifications.
- Followed Agile/SCRUM methodology with intermediate sprint releases. Used JIRA for maintain the task and the story.
- Followed Model View Controller (MVC) architecture.
- Used the maven based Project Structure.
- Design and Develop Open ID Connect for Single Sign On feature for ARM.
- Integrated the existing application to use Resource Manager, so that all the dynamics calls to downstream application are done by Spring Rest Template.
- Integrate the VMCP component with ARM gateway.
- Writing the functional Junit Test cases with Mock implementation.
- Written the script to publish the configuration dynamically for the environment.
- Exposing the services with the RESTful web service architecture.
- Designed and Developed the Authorize & X-pay Token validation.
- Monitoring the logs using Splunk.
- Implemented the CORS feature using the HTTP standards.
- Bug Fixing & Environment Readiness for each Sprint.
- Production Support for each Release.

Technologies: Java 1.8, J2EE, Spring 4.x, GIT, JIRA, Jenkins, AngularJS, Rally, Stash, Sonar, Cygwin, Maven, XML, ECLIPSE, JAXB

IB Technology (Client: TNSI, Reston VA) (NRD Provisioning System)

Jul 13 – Jan 15

J2EE Developer

Summary:

The Network Routing Directory Provisioning System provides a Web interface for configuring intra-domain centralized routing. It has Services and configuring inter-domain location discovery services for NRD. It allows Administrators to edit and view the information from a Web browser on any machine with access to the Internet (or intranet). Subscription information such as Contract and Subscription Details like name, addresses, and contact details. Portal is used by Provisioning agents such as System Administrators, Network Administrators, and Read Only users. Network Topology related information such as Serving Areas, Nodes, Dial Plans, Routes, and End Users. The NRD is the master directory for Subscriptions and network elements.

Responsibilities:

- Understand functional requirements and business implementation flows, participate in cross-functional design and review discussions, document design specifications.
- Followed Agile/SCRUM methodology with intermediate sprint releases. Used JIRA for maintain the task and the story.
- Followed Model View Controller (MVC) architecture.
- Written Business rules, Validations, DAO and Services for NRD Portal like Topology, Routes and Industry Data using Java Frameworks.
- Developed the data models using Hibernate POJO's/Entities and implemented the Hibernate mappings for the persistent entities.
- Worked on the cross cutting concerns for the Application. Worked on Transaction management, AOP, Securities for the application using Spring Framework.
- Created GUI widgets, forms and Grids to display the data.
- Writing the functional Junit Test cases.
- Exposing the services with the RESTful web service architecture.
- Used PMD and Check-style for coding practice.
- Used Subversion (SVN) and Git for code submission.
- Runs daily nightly builds using Jenkins.
- Collaborate with other programmers to design and implement features.
- Quickly produce well-organized, optimized, and documented source code.
- Debug existing source code and provided fix for any bug.

Technologies: Java 1.6, J2EE, Spring, Hibernate, Oracle 10g/11g, Smart Client, JSP, jQuery, JBoss 4.0, ANT, SVN, JIRA, Jenkins, HTML5, XML, ECLIPSE, JAXB, JavaScript, Jasper/iReport

IB Technology (Client: TNSI, Reston VA) (TRDR-Telecom Reference Data Repository)

Nov 13 – Apr 14

J2EE Developer

Summary:

TRDR is a portal that will be the view and data administration point for (Carrier, LRN, SPID, NPAC) data sets. TRDR holds the metadata and other Telecom reference data for NRD (Network Routing Directory) system. The TRDR data shall be distributable and able to query by any piece of software in the enterprise. Some NRD systems will require complete, reliable, transactional, local copies of all or some subsets of the TRDR data. On the other hand, some NRD systems will be simpler and function more reliably if they simply query the TRDR DB directly, either via SQL or non-materialized views

Responsibilities:

- Understand functional requirements and business implementation flows, participate in cross-functional design and review discussions, document design specifications.
- Followed Agile/SCRUM methodology with intermediate sprint releases. Used JIRA for maintain the task and the story.
- Followed Model View Controller (MVC) architecture.
- Written Business rules, Validations, DAO and Services for NRD Portal like Topology, Routes and Industry Data using Java Frameworks.
- Developed the data models using Hibernate POJO's/Entities and implemented the Hibernate mappings for the persistent entities.
- Worked on the cross cutting concerns for the Application. Worked on Transaction management, AOP, Securities for the application using Spring Framework.
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- Collaborate with other programmers to design and implement features.

- Quickly produce well-organized, optimized, and documented source code.
- Debug existing source code and provided fix for any bug.

Technologies: Java 1.6, J2EE, Spring, Hibernate, Oracle 11g, Smart Client JS, JSP, JBoss 4.0, ANT, GIT, JIRA, Jenkins, HTML5, XML, ECLIPSE, JAXB, JavaScript, Rest, SOA

AIRVANA (EVDO EMS)

Apr 13 – Jun 13

J2EE Developer

Summary:

EVDO (Evolution-Data Optimized) is a telecommunications standard for the wireless transmission of data through radio signals, typically for broadband Internet access. EMS (EVDO Management system) is the management application which manages the mobile devices with forward link air interface.

Responsibilities:

- Understanding functional requirements and business implementation flows, participated in cross-functional design and review discussions, document design specifications.
- Writing source code using Java and J2EE.
- Worked on the
- Software development using Hibernate and Oracle database.
- Exposed REST APIs using Spring Core, Spring AOP framework.
- Application building using maven and deployment on Tomcat.
- Design and develop UI screens for management dashboard.

Technologies: Java 1.6, J2EE, Spring, Hibernate, Oracle 11g, Ext JS, JSP, Tomcat, Maven, GIT, XML, ECLIPSE, JAXB, JavaScript, REST, SOA

Ignis Technology (Client: Vodafone - CRBT)

Aug 12 – Apr 13

J2EE Developer

Summary:

CRBT stands for Color Ring Back Tone. Instead of hearing the traditional tiring ring tone when calling someone, CRBT lets phone user play their favorite tune, sound, jingle to incoming callers. Users can select their ring tone from a large pool supplied by a content provider through a Web or IVR (Interactive voice response) server. The most important distinction between CRBT and other services is that this network-based solution is independent of both handset and subscriber identity modules (SIM). CRBT have 4 modules: CMS, Subscription management back end module, Subscription management portal, CRBT module, SMS module.

Responsibilities:

- Understand functional requirements and business implementation flows.
- Gathered business requirements and wrote functional specifications and detailed design documents.
- Followed Agile/SCRUM methodology with intermediate sprint releases.
- Followed GWT based RPC with Layered architecture for client and server interaction.
- Responsible for developing the Service, DAO and Bulk upload feature for the application.
- Implementing bulk upload to read all audio files from source folder. Parsing Meta data of audio files and upload to CMS.
- Used Spring framework for providing the Infrastructure code base. Developed Aspects for Logging, Transactions, Exception handling.
- Developed the data models using Hibernate POJO's/Entities and implemented the Hibernate mappings for the persistent entities.
- Designed the logical and physical data model, generated DDL scripts, and wrote DML scripts.
- Prepared Unit Test cases for the bulk upload feature using Spring Framework.
- Used PMD for best coding practice.
- Used Subversion (SVN) for code submission.

Technologies used: Java 1.6, J2EE, Spring, Hibernate, GWT, GXT, MySQL, XML, REST full service, Apache Tomcat, ANT, JUnit, SVN, Eclipse, JAXB

Ignis Technology (Client: Golden Dynamic, China) (Media CMS)

Sep 11 – Jul 12

J2EE Developer

Summary:

Music publishing is a global business that deals with the ownership, promotion and administration of songs. The core functions of a Music publishing companies are marketing & promoting songs, handling administrative works involved with Copyrighting, Licensing and Collecting Royalties for the songs. GDEASIA is an application which supports all the functions from administration of a song to licensing and collecting royalties. GDEASIA contains all the songs owned by GDEASIA Hong Kong. The song contains writer's publishers and lyrics etc. These songs can be pitched to a customer through an email whom they can listen only for 30sec. The GDEASIA users can listen and download for a song. They can manage play list, project and organize a song.

Responsibilities:

- Gathered business requirements and wrote functional specifications and detailed design documents.
- Followed Agile/SCRUM methodology with intermediate sprint releases.
- Followed GWT based RPC with Layered architecture for client and server interaction.
- Responsible for developing the Service, DAO and Bulk upload feature for the application.
- Responsible for developing Excel file Bulk uploading mechanism of Content Management System.
- Implementing bulk upload to read all the fields from the excel worksheet. Designed and crafted the work flow for data extraction and parsing them to object.
- Implemented the upload status tracking, reprocess the failed, and file movement.
- VLC player Integration and Red 5 streaming for the media files using rtmp protocol.
- Developed the data models using Hibernate POJO's/Entities and implemented the Hibernate mappings for the persistent entities.
- Designed the logical and physical data model, generated DDL scripts, and wrote DML scripts.
- Prepared Unit Test cases for the bulk upload feature using Spring Framework.
- Used PMD for best coding practice.
- Used Subversion (SVN) for code submission.
- Used Cobertura to Test Units for better Code coverage.

Technologies used: Java 1.6, Spring, Hibernate, GWT, GXT, MySQL, XML, REST full service, Apache Tomcat, ANT, JUnit, SVN, JIRA, Eclipse, JavaScript, HTML, jQuery, REST

Ignis Technology (Client: Talent Bridge, B'lore) (iLAP)

Feb 11 – Aug 11

J2EE Developer

Summary:

Talent Bridge Portal is an objective to connect institutions of higher learning with the corporate world by offering a cloud based integrated Learning, Assessment and Placement (iLAP) platform. Company or college can conduct online test using Efront module in this portal for the registered candidates. This portal is more flexible even a single candidate can register and can go through the standard and company test patterns like common or technical aptitudes. Candidate can upload there CVs in doc, audio or video formats. Online interview mechanism is integrated which makes candidate to face an interview even from the remote location.

Responsibilities:

- Integrated Talent Bridge portal to Efront and Joomla portal.
- Designed the JAVA and PHP Bridge for application communication.
- Modified the PHP coded in Efront according to the requirement.
- Used web services provided by Efront to integrate it with the portal.
- Prepared Unit Test cases for stress load testing at service level.

Technologies used: Java 1.6, J2EE, Spring, Hibernate, MySQL, XML, PHP, Web services, Apache Tomcat, Eclipse, XML, jQuery, JavaScript, XML, JAXB, HTML

Ignis Technology, B'lore (PMS)

Jul 10 – Jan 11

J2EE Developer

Summary:

PMS is a standalone client to deal with medicine/drug inventory system. It's a software which tracks the IN and OUT of drugs from the Inventory. It monitors the sales and purchase of the drugs. It maintains the list of drug manufacture and the vendor. Billing system integrated with it takes care of accounting the monitory section. PMS provides Drug purchase, sales, invoices and psychometric report generation for the user.

Responsibilities:

- Understood the business requirements and wrote functional specifications and detailed design documents.
- Developed UI/ screen design using Swing.
- Implemented business rule and DAO layer using Core JAVA, Spring and Hibernate.
- Implemented Hibernate mapping, and used Spring for Infrastructure.
- Full integration of jasper/iReport for the requirement i.e. invoices generation, purchase, sales, and psychometric, monthly and yearly reports.
- Designed the logical and physical data model, generated DDL scripts, and wrote DML scripts.

Technologies used: Java 1.6, J2EE, XML, Spring, Hibernate, Swing, CVS, Jasper/iReport.

Vihangam Yoga Sansthan (Magazine Subscription Management)

Feb 09 – Mar 10

Developer

Summary:

Subscription management is a web interface which keeps the record of User registration and their subscription for the magazine. It maintains the life cycle of the subscription i.e. its activation, expiration, delivery status. It also maintains its repository for the magazine.

Responsibilities:

- Gathered business requirements and wrote functional specifications and detailed design documents.
- Developed UI/ screen design using GXT and GWT framework.
- Implemented business rule and DAO layer using Core JAVA, Spring and Hibernate.
- Implemented Hibernate mapping, and used Spring for Infrastructure.
- Worked on the Widgets, forms and the Live grids.
- Generated the print labels for the address using Jasper.
- Designed the logical and physical data model, generated DDL scripts, and wrote DML scripts.

Technologies used: Java 1.6, J2EE, REST, HTML5, JavaScript, XML, Spring, Hibernate, GXT, GWT, SVN, Jasper/iReport, Eclipse