

# Resume

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## NILESH PAYGHAN

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### SUMMARY OF EXPERIENCE

Over 14 years of experience as JAVA/J2EE/DevOps/Microservices architect/senior developer. Worked in all phases of Software Development Life Cycle (SDLC), Agile which includes User Interaction, Business Analysis/Modeling, Design/Architect, Development, Integration, Planning and management of Builds, Configuration, Code Management, Production/Customer Support, Maintenance, Enhancements and Quality Control, Testing, Implementation, Documentation, in different domain like Banking and Finance, Insurance, Manufacturing and Logistics domains. Worked for different clients like Credit Suisse, Citibank, Barclays, Suncorp bank, GE Insurance, Unisys at **Switzerland, Australia, United States** and offsite.

- **Worked in Architectural design decisions and process**
- Having extensive experience in understanding business logic and resolving the business requirements into software terms.
- Good Experience in Design and development of n-Tier Enterprise Application in Java Platform, strong UML/Rational Rose experience.
- Having hands on experience in Microservices design/implementation.
- Experience in JMS implementation.
- Having good experience in DevOps, Containerized application, Openshift, Kubernetes, Jenkins and continuous integration and development (CICD).
- Build MDM solution and Integrate Orchestra EBX Product with Master Data Management platform as defined in the project roadmap.
- Expert in Web based applications using various frameworks and technologies -**Struts, Spring boot, restful web services, Appway, soap web services, OSB, EJB, Java Messaging Service, JDBC, Spring Security, Batch, ILOGJRule(ODM), AppWay, Hibernate, JPA.**
- Good experience in testing unit testing framework like Junit, Jmock, Easy Mock, Mockito, Jbehave, Automation testing.
- Good experience in principles of TDD, BDD, Refactoring, reverse engineering,
- Well versed with implementation and integration of ILOG JRules(IBM ODM) rule engine and BRMS (business rule management system), RTS (Rule Team Server), RES (Rule Execution Service) with Java application
- Expert in SQL programming, Stored Procedures using Oracle 9i/10g.
- Extensively worked with the Java / J2EE design patterns, Lambda Expression, Multithreaded Applications.
- Good experience in designing application, creation HLD, LLD by using RSA, Visio.
- Well versed with implementation and integration of ILOG JRules(IBM ODM) rule engine and BRMS (business rule management system), RTS (Rule Team Server), RES (Rule Execution Service) with Java application.
- Experience in translating requirement analysis to technical specifications, effort estimations, preparing proof of concept (POC) and actual application development, performance optimization and deployment.
- Excellent communication and interpersonal skills. Team facilitator with good leading capability.

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- Strong and focused knowledge of quality standards and processes along with strong commitment to timely deliverables.
- Strong knowledge of BFS domain in Private Banking (Client Onboarding application, FATCA, KYC, Tax and regulatory), Investment banking (Equity, Trading, Bonds, Tax and regulatory etc

## EDUCATION QUALIFICATIONS

Degree / Certificate	University / Institute	Description	Year
C-DAC (Post graduate Diploma in Advance Computing).	Vidyanidhi InfoTech, Mumbai.	First Class	2006
B.E.	Babasaheb Naik College of Engg ,Pusad(Maharashtra) Amravati University.	First Class.	2004

## EMPLOYMENT HISTORY:

Company	Designation	Duration
Hexaware Technologies Ltd, Mumbai	Software Engg	March 2006-Aug 2008
Patni Computers Solutions Pvt Ltd.	Sr Software Engg	Aug 2008 to Oct 2009
Cognizant Technology Solutions Pvt Ltd	Sr Software Engg	Oct 2009 to Jan 2016
Wipro Technologies	Architect	Feb 2016 to till date

## SKILLS:

### Technologies:

**JAVA, EJB, Servlets, JSP, Struts, JSF, MQ Series, JMS, SOAP Web Services, Restful web services, C++, XML, XSL, Java Script, ILOG Jrule(ODM), Spring Boot, Spring (Core, MVC, JDBC,batch), Oracle Service Bus(OSB), OOAD/OOP/UML,Junit,Jbehave,DevOps,Microservices,Openshift,Kubernetes,Jenkins, Spring Boot.**

**Web Servers / Application Servers:** WebSphere, Tomcat, Jboss and WebLogic 10

**Databases:** Oracle, DB2 and MS SQL

**Scripting:** PL/SQL, Perl, Shell Script

**Operating Systems:** Unix, Linux and Windows

**Tools/Others:** IBM RAD, Maven, Gradle, IntelliJ Idea, Control -M, Eclipse, Rational Rose, UML, JDBC, JMS, JNDI, CORBA, DAO, Power Point, Visual Source Safe, RSA, CVS/Subversion, STS (Spring Test Suite).

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## PROJECTS SUMMARY:

### Project I

**Company:** Wipro Technologies.

**Client:** CITI Bank, United States.

**Duration:** May 2019– till date

**Environment:** JAVA/J2EE, Microservices, DevOps, Docker, Jenkin, RabbitMQ, Maven,  
REST Full web services, spring boot, JMS, Workflow

**Development IDE/Tools:** Eclipse, IntelliJ Idea, Toad, Control-M.

**Team size:** 15

**Role:** Architect/Technical Lead

### Project Description: Regulatory Insight:

Regulatory Compliance, in recent times, the number of incidents of regulatory fines has grown manifold, and so has the scale of financial penalties imposed in the aftermath of these regulatory breaches. Preparing high-quality regulatory reports for banks that meet the needs and expectations of regulators have been a long-standing challenge. From the regulators' perspectives, the data necessary to meet regulatory requirements are foundational to monitoring firms' safety and soundness and are critical to developing and implementing sensible public policy, including providing input to ongoing supervisory monitoring.

The Reginsight solution is an enterprise program and financial management system that delivers real-time program information to government decision makers. At the core of the System are automated reports and analysis tools which allow the program and financial managers to define program requirements, formulate program budgets, forecast program execution and track the execution of program funds.

### Responsibility:

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- Developed transition plan and executed offshore onshore transition successfully.
  - Design and implementation of Microservices Architecture.
  - Design and Implementation of DevOps like defining Jenkin Jobs pipeline, Sonar configuration for quality gate.
  - Implementation of complete CICD for Docker, ECS infrastructure.
  - Understand the business requirements from the customer and convert them to technical artefact.
  - Managed the daily task of the junior developers and was responsible for the professional development.
  - Designed and coded interface between external banking applications to exchange data.
  - Prepare and help team to prepare the Designing analysis, development, testing and Integration of Complex project.
  - Responsible for coaching, developing and managing project staff and ensuring business practices are effectively used.
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## Project II

**Company:** Wipro Technologies, Brisbane, Australia.

**Client:** Suncorp Bank, Australia.

**Duration:** May 2016–Apr 2019

**Environment:** JAVA/J2EE, Collection Batch, Oracle Service Bus, Gradle, Maven, SOAP, REST Full web services, spring boot, JMS, SOA, Workflow, WebLogic 10.3

**Development IDE/Tools:** Eclipse, IntelliJ Idea, Toad, Control-M.

**Team size:** 15

**Role:** Architect/Technical Lead

### Project Description: Oracle-Banking-Platform – Origination

Legacy originations platforms allow for the creation of a new account on the system of record and only provide those capabilities for the types of products supported on the servicing platform. When on-boarding a new customer, bankers often follow repetitive, error-prone data capture processes to establish new accounts and customer records. Much of the data collected is redundant and results in significant inefficiencies. Oracle Banking Originations ensures complete reuse of customer information and relevant documents where applicable. Oracle Banking Originations is designed to enable all commonly used origination strategies such as single product, multiple products and bundled propositions (e.g. Mortgage Loan + Transaction Account + Credit Card). It is a common platform for origination of loan products such as Credit Cards, Secured & Unsecured Personal Loans, Student Loans, Vehicle Loans, Secured & Unsecured Line of Credit, Home Equity Line of Credit, Overdraft Line of Credit and deposit products such as Checking, Savings, Certificate of Deposit, Investment and Retirement account.

The Oracle solution is fully integrated with leading industry vendors to perform important sub-processes such as customer identification, 'Know Your Customer, credit deaccessioning, and collateral valuation, removing friction from the process and supporting strong regulatory compliance.

By leveraging Oracle technology for workflow processing, document management, security, and business intelligence, Oracle Banking Originations provides a complete suite of applications for customer on boarding and originations thereby streamlining the entire originations process lifecycle and enabling customer centricity.

### Responsibility:

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- Developed transition plan and executed offshore onshore transition successfully.
- Understand the business requirements from the customer and convert them to technical artefact.
- Managed the daily task of the junior developers and was responsible for the professional development.
- Designed and coded interface between external banking application to Oracle banking platform.
- Prepare and help team to prepare the Designing analysis, development, testing and Integration of Complex project.
- Responsible for coaching, developing and managing project staff and ensuring

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business practices are effectively used.

- Post-Pre Implementation Production Support: Provided production support deployment by quickly analyzing and fixing post production issue, conducting technical PVT
- Production deployment, providing production support.

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## Project III

**Company:** Wipro Technologies, Pune, India.

**Client:** Credit Suisse AG, Switzerland

**Duration:** Feb 2016 – till date

**Environment:** JAP, JAVA/J2EE, spring batch, IlogJrule(ODM), web services, SQL Loader, JMS, WebLogic 10.3.

**Development IDE:** Eclipse, Toad

**Team size:** 6

**Role:** Architect

## Project Description: Global AML Case Management:-

A set of procedures, laws or regulations designed to stop the practice of generating income through illegal actions. In most cases money launderers hide their actions through a series of steps that make it look like money coming from illegal or unethical sources was earned legitimately document.

The Actimize Risk Case Manager application supports the business processes for necessary to effectively manage risk and regulatory compliance within Financial Services firms. It is a web-based application used by professionals, managers and other principals involved in the process.

The Risk Case Manager tools ensure that:

- Authorized staff receives scored and filtered alerts, each accompanied with all related alert information.
- Alerts are routed and handled according to the firm's procedures, tracked and audited through resolution, providing evidence of principal review.
- Internal reporting is available as a built-in feature, together with options for attaching external files to alerts, sending alert information by email and exporting information to other file formats.

## Responsibility:

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- Prepare and help team to prepare the Designing analysis, development, testing and Integration of Complex batch project.
- Responsible for coaching, developing and managing project staff and ensuring business practices are effectively used.
- Leads projects by ensuring scheduling, delegating and monitoring project tasks, and reviewing project deliverables.
- Update tracker with accurate information to identify the risk and issues

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proactively.

- People management & Technical management.
  - Conduct peer review and provide feedback and Independent Testing.
  - Responsible for all project communication, including project status reporting and organizing project meetings and documents discussion and action items.
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## Project IV

**Company:** Cognizant Technology, Pune, India.

**Client:** Credit Suisse AG, Switzerland

**Duration:** Oct 2012 – Jan -2016.

**Environment:** JAP6.0, ILOG Jrule(ODM) 7 .1 rule engine, JAVA/J2EE, Spring, Weblogic 10.3, Cruise Control, Automated web test, Oracle 10g.

**Development IDE:** Eclipse, Rule Studio

**Team size:** 14

**Role:** Tech Lead

## Project Description:

### FnROT (Relationship opening Tool):-

Front Net International System is a web-based application used, mainly by the internal users of CS like Relationship Manager [RM] over the internet to allow them to do client on boarding process and open customer relationship with bank. This is Tax and Regulatory application which helps to identify FATCA client, KYC profile of customer and different Tax calculation for which customer is liable as per his county of domicile. RM gather the customer information in question and answer format and feed this information to rule engine. Rule engine has rule base which stores all rules and norms provided by regulatory board. Rule engine executes all these rules on customer data and provide the inference to RM. On the basis of inference, RM allocate different product and open relationship with bank and complete on boarding process of client by printing contract document.

### Responsibility:

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- Designing analysis, development, testing and Integration of Complex project which execute the business rules.
- Understanding of business rule given by business, translate business rules to implementation by choosing the rule application infrastructure and server topology strategies.
- Extensively worked on Rule Analysis, Rule Authoring and deployment ,testing and Rule Model Extensions,
- Designing of rule project like rule flow, template, decision table, extension model, runtime rule selection (dynamic), rule task, creation of XOM, BOM etc.
- Writing business rule by using IlogJrule studio as per client's requirements specification documents, creating rule packages.
- Providing effort estimation and implementing for emergency CR's.

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- Support for deployment, defect fixing related during IT, PTA, and Post Implementation phases and coordination for Issue resolution & clarification.
- Involved in preparing KAD (Knowledge Acquisition Document) on the basis of Knowledge Transfer sessions.
- Involved in preparation of Analysis and Technical design documents (TDD) and Unit Test Plans for Reporting Applications Service Requests.
- Conducting Peer reviews and Independent Testing.
- Coordination with client and offshore teams for issue resolution & clarification.
- **Client Interaction:** For implementing enhancements in the Swiss Advisory applications, one of the responsibility, the client interaction for analysis, development and issue clarification.
- **Post Implementation Support:** Provided support production deployment by quickly analyzing and fixing post production issue.

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## Project IV

**Company:** Cognizant Technology, Pune, India.

**Client:** Credit Suisse, United States.

**Duration:** Oct 2010 – Oct 2012.

**Environment:** JAP6.0, JSF, Spring, Spring JDBC, EJB3.0, ILOG Jrule 6.7 rule engine, WebLogic 10.3, PL/SQL Oracle 10g.

**Development IDE:** Eclipse 3.2, Rule Studio

**Team size:** 10

**Role:** Team Member.

### Project Description:

#### Cancel and Correct:-

CnC Data mart will source the trade data from various systems across 3 regions namely USA, EMEA and APAC supervisory control and reporting requirements of the project.

The objective of this project is to develop an IB Securities-wide system for effective supervision of cancel and correct activity. Target system includes Reporting Red flag (i.e. criteria-based) exception reporting for targeted review based on business defined inclusion/exclusion rules. Reports also include randomly selected C&Cs from the population excluded via the Red Flag rules. They include drill down with pre and post versions of the trade. The MI Reports are generated to analyze trends (volumes, aging, irregularities, number of exceptions raised) given a pre-determined set of criteria applied to entire population of C&Cs. The Net trend reporting (i.e. net of life cycle events and subject to rules) is used to assist help reduce booking errors; Supervisory control capabilities for assignment, review, and signoff and addition of comments for exceptions raised;

### Responsibility:

- Developed the application by implementing EJB3.0,JSF based on design Model by using JAP framework.
- Write business rule by using IlogJrule studio as per client's requirements specification documents.

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- Involved in creation of LLD, HLD and design documentation, coding as per the prepared design documents, creation of test cases, review of test cases.
  - Involved in Requirement Analysis, Estimations, Planning and Execution
  - Tests new programs to ensure that logic and syntax are correct, and that program results are accurate; assists lower-level programmers with programming assignments.
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## Project V

**Company:** Cognizant Technology, Pune, India.

**Client:** Credit Suisse, United Kingdom.

**Duration:** Oct 2009 – Oct 2010.

**Environment:** Spring, JSF, Spring JDBC, Weblogic 10.3, Oracle 9i.

**Development IDE:** Weblogic workshop, Eclipse 3.2

**Team size:** 9

**Role:** Team Member.

### Project Description:

#### Trade fails management:-

The fails management project aims to improve the current process that is heavy on NTPA resource and also on manpower. The aim of this project is to simplify and make the fails process, within CS, more efficient. This should result in headcount savings and also IT system efficiency gains.

The objectives of the project are to:

- Enable the efficient management, allocation and prioritization of failed trades
- Simplify the fails cost calculation process
- Streamline the accruals process for Interest Claims
- Introduce validation of Interest Claims by Settlements prior to passing the trade to the Interest claims team

### Responsibility:

- Developed the application by implementing spring, JSF framework based on requirement Model.
  - Adapted Core J2EE Business Delegate, service locator design pattern.
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## Project VI

**Company:** Patni Computers System Ltd, Mumbai, India.

**Client:** Genworth Insurance, United States.

**Duration:** Aug 2008 – Oct 2009

**Environment:** Struts, spring, Hibernate, Websphere (6.0).

**Development IDE:** RAD(Rational Application Developer), Toad, PL/SQL developer.

**Team size:** 12

**Role:** Team Member.

### Project Description:

#### Genius (GE New issue and underwriting system):-

This application is conceived as a system capable of addressing all the business needs of GE financial assurance. GE provides Universal Life (UL), Long Term Care (LTC), Annuity type of life insurance policies. The vision of **genius** is to create a “wing to wing” automation solution that dynamically reduces time and per application processing cost. This will enable GE to capture much more market share and profit.

This application consists of following functional module:

- 1.”Accepting and validating an application”.
- 2.”Processing the proposed insured medical, on medical and other factors assessing the proposed insured’s risk”.



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3."Approving or decline the case".

4." Issuing a policy on approval and moving policy to active state".

## **Responsibility:**

- Developed and maintained the application by implementing spring, Struts, framework based on requirement Model.
- Adapted Core J2EE Business Delegate, façade, Value Objects design pattern.

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## **Project VII**

**Company:** Hexaware Technologies Limited, Mumbai, India.

**Client:** Unisys Corporation, United States.

**Duration:** March 2006 – – Aug2008

**Environment:** JSF (Java Server Faces), **spring**, Core Java, BEA WebLogic Server (10.0).

**Development IDE:** Eclipse (1.5.2)

**Team size:** 20.

**Role:** Team Member.

## **Project Description:**

**Logistics Management System (LMS):-**

LMS, Unisys Cargo Web Application hosts several web pages that provide a user interface for the various Cargo services and transactions offered by the Unisys 2200 mainframe. The communication between the web pages and Unisys 2200 is through a middleware (NGBUI). Oracle Server database maintains data specific to the web application.

## **Responsibility:**

- Developed the application by implementing JSF Framework based on MVC Architecture with spring, simple Java Beans as a Model.
- Adapted Core J2EE design patterns (Data Access Object, Business Delegate).