# Pramod Nikam

**Technology Expert**

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## Experience Summary

**Innovative IT professional** with 8+ year experience in software engineering and agile methodologies to deliver highly effective and creative solutions to business and technology challenges.

Successfully Completed **Pivotal Accelerated Learning Program** from **Pivotal.**

Utilizes highly attuned analytical skills to develop IT and business strategies employing cutting-edge technologies to increase productivity.

Consistently drives high standards of service through effective communication, and strategic planning to develop and manage strong client relationships.

Highly organized with strong capacity to prioritize workload, delegate deliverable, and steer project completion within established deadlines.

- **8.2 years** of experience in various aspects of software development namely analysis & design, coding & implementation, unit testing, code reviews, maintenance of source code.
- Experience in Cloud Computing and its Life cycle. Expertise in developing application in cloud native approach using Micro Services, TDD , CI CD and following cloud native principles.
- Extensive Hands on experience in Java programming with good exposure to the enterprise design aspects in Java including Service Oriented Architecture.
- Designed and developed application components in an agile environment utilizing a test driven development Approach.
- Expertise in re-platform and modernization of Legacy application to Pivotal Cloud using Spring boot and Spring Cloud.
- Hands on experience in Information Assurance, assessing system with Security vulnerabilities.
- Hands on experience in working on Amazon EC2 cloud environment.

## Core Competencies

- Micro Service
- Technology Lead
- Test Driven Development
- Software Development / Engineering
- Training & Mentoring
- Cloud Computing
- Service Oriented Architecture
- Software Life Cycle Management

## Skills

**Frameworks**

Spring, Spring Boot, Spring Cloud,Struts, Ruby on Rails, Liferay, Node JS

**Languages**

Java, Ruby , JavaScript

**Paradigms**

| Micro Service Architecture | m, Test Driven Development,  Domain Driven Design, Cloud Computing, Event driven Programming, OOAD, Service Oriented Architerure, Natural Langual Processing |

**Testing**

Junit, Easymock, Mockito,MockMVC, Hamcrest

**Databases/Query Languages**

Oracle, MySQL, MS SQL Server, MongoDB, Redis

**APIs**

JSP, Servlets, Portlet 2.0 ,Web Services  , JPA , EJB  ,  Apache MQ ,   Rabbit MQ

**ORM Technologies**

Hibernate, Spring JDBC , JDBC

**IDE / Tools**

Eclipse, Intellij Idea, IBM RAD, Netbeans, STS, Edit Plus, SQL Developer, Jaspersoft iReport

Designer, Burp Suite , SOAP UI , HP Fortify, Postman , JIRA platform , VI editor

**Reporting**

Jasper

**Web/Application Server**

Tomcat, IBM Websphere ( WAS7 ) , Mongrel ( Ruby )

**Source Control**

Subversion, GIT, Github

**Operating System**

Unix / Linux variants, Macintosh, Microsoft Windows Family Operating Systems, Shell scripts

**UI / UX Development**

JQuery, Ext Js, Angular JS, Backbone JS, Require JS, Moment, HTML, Highcharts, AMCharts, FusionCharts, JSON , AJAX, Fire Bug , CSS

**Deployment**

Maven, Gradle, Nexus, Jenkins , Amazon EC2, Pivotal Cloud Foundry, Nexus , Artifactory , Docker , Flyway

# Professional Summary

<table>
<tr><td colspan="2"><strong>PROJECT SUMMARY :</strong></td></tr>
<tr><td colspan="2"><strong>Employer : Cognizant Technology Solutions, Pune</strong></td></tr>
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| Project | : | **Microservices and PCF Capabilities** |
|---|---|---|
| Role | : | Senior Associate |
| Platform | : | Spring , Spring Boot, Spring Cloud, Gradle, Pivotal Cloud Foundry, Mongo DB, Redis, REST, Hibernate , Rabbit MQ, Mysql , Jenkins , Axon framework |
| Duration | : | 2 months |

**Description** : Decomposition of monolithic J2EE application into microservices using Test Driven Development, Microservices architecture. Conversion of application in cloud native approach. Deployment of application on Pivotal Cloud Foundry Platform.

**Contribution** :

- Decomposition of Monolithic J2EE application into loosely coupled Bounded Context and Aggregates using Domain Driven Design and Event Storming.
- Database decomposition matching to bounded context.
- Snap analysis of application to choose microservice component.
- Spring bootification and gradlization of selected microservice.
- Security setup of client and server interaction using PCF UAA server.
- Conversion of application into Cloud Native Application following 12 factor application rules.
- Commutication between Microservices and Eventual Consistency implementation using Event Sourcing and CQRS using axon framework.
- Development of REST API using spring MVC and by following REST standards.
- Configuration of Spring Config Server to manage centralized configuration server.
- Uploaded file migration to Amazon S3 blobstore using Rabbit MQ
- Configuration of Eureka server as Service Discovery
- Configuration of Netflix Hystrix as Circuit Breaker.
- API Gateway implementation using Zuul.
- Continuous Integration and Continuous Deployment ( including Blue Green Deployment) Pipeline setup using Jenkins and Pivotal Cloud Foundry plugin.
- Application cache implementation using Redis.

| Project | : | **dotEngage** |
|---|---|---|
| Role | : | Senior Associate |
| Platform | : | Spring , Spring Boot, REST, Hibernate , Apache MQ, Node JS, Backbone JS, Mongo DB, Redis, Mysql |
| Duration | : | 10 months |
| Client | : | Google |

**Description** : dotEngage is gamification powered workforce engagement platform. This application onboards google employees and measures their performance based on key performance indicators. User productivity is increased by setting various campaigns between them and awarding them badges , points etc. dotEngage application also have various other modules such as Learning Management System, Social Interaction , Tags , profiles etc.

**Contribution** :

- Provided technical leadership for the Design and Development of dotEngage application in Cognizant Digital Labs
- Metrics API generation using Spring Boot, Spring Cloud and REST standards.
- Mavenization and Modernization of scoring application.
- Integration of OAUTH security of application with Keycloak UAA server.
- Implementation of CORS filter in API.
- Setup of Continuous Integration and Continuous Deployment practice in application using Jenkins and Pipeline plugins.
- Writing and consumption of REST API Services.
- Social Tango REST API development using Node JS.
- Design and Development of various reusable UI components like hierarchy trees.
- Shell scripts creation for admin setup, upstart services and other automation tasks.
- Database activities using Mongo DB, Redis and Mysql
- Notification and Email Setup using Apache MQ.
- Application performance reports created through Find bugs , PMD checks , HP fortify , Gotham tools.
- Writing Unit Tests and Integration Test for REST using Junit , Mockito.
- Participation in Sprint design and Story Creation process.
- Participation in brainstorming sessions and daily agile meeting.
- Documentation of Deployment procedure and Research findings.
- Deployment of Application on Amazon EC2.
- Installation of dotEngage application on Amazon Marketplace.

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| **Project** | : | **Engagement Catalyst** |
| Role | : | Senior Associate |
| Platform | : | Spring , Hibernate , Angular JS , Node JS, Backbone JS, Mongo DB, Redis |
| Duration | : | 9 months |
| Client | : | Nike |

**Description :** Engagement Catalyst is gamification platform. Various User Engagement related activities like rule setup, badges, points, performance for user activities based on predefined metrics. Various other application can make use of this platform for achieving gamification capabilities in their application.

**Contribution** :

- API generation using Spring Boot, Spring Cloud and REST standards.
- Setup of Continuous Integration and Continuous Deployment practice in application using Jenkins and Pipeline plugins.
- Writing and consumption of REST API Services.
- Requirement Analysis through Functional Requirement document.
- Participation in brainstorming sessions and daily agile meeting.
- Documentation of Deployment procedure and Research findings.
- Writing and consumption of REST API Services.
- Database activities using Mongo DB
- Deployment of Application on Amazon EC2.
- Application performance reports created through Find bugs , PMD checks , HP fortify , Gotham tools.
- Participated in Application Estimation, Statuses and Team discussion on regular basis.

**Employer :Inautix a BNY Mellon company, Pune**

| Project | : | **Advisor Central** |
|---|---|---|
| Role | : | Senior Applications Developer |
| Platform | : | Spring , EJB , Hibernate , Apache Axis 2,  BXP cloud services , Jquery Oracle 11g , IBM Web Sphere |
| Duration | : | 1.6 year |

**Description** : Advisor Central is Mutual Fund trading platform for various financial industry representatives i.e Trade Brokers, Dealers to perform real time trade and a process exercise and to gain insights into meaningful data and observations derived through Real Time Trade Analysis.

**Contribution :**

- Web Application development using Spring framework.
- Application development using Test Driven Development with Junit and Mockito.
- Exchange of trade data from Business Layer through EJB and Axis 2 Web Services.
- Consumption of SOAP based Payload Service to post application trade events in companywide Digital Pulse Application.
- Trade Data Fetch from oracle database.
- Existing Bug Fixes and observation reporting on JIRA platform.
- Worked on XSS items to safeguard application against intrusion and CSRF attacks.
- Application performance reports created through Findbugs , PMD checks , HP fortify , Gotham tools.
- Deployment of Application on BXP (Cloud Server.  ) using Maven and Nexus.
- Creation of Partition package that describe Application to Cloud Platform.
- IBM Websphere profile creation and application hosting on IBM WAS server.
- HTTPS Certificates integration.
- Participated in Application Estimation, Statuses and Team discussion on regular basis.
- Requirement Analysis through Functional Requirement document.
- Participation in brainstorming sessions and alternate day agile meeting.

| Project | : | **Transparency  Dashboard** |
|---|---|---|
| Role | : | Team Member |
| Platform | : | Liferay , Spring REST Support , BXP cloud services ,  Spring JDBC , MS SQL Server , Jasper Reports |
| Duration | : | 10 months |

**Description :**  Transparency Dashboard is Dashboard Managers to track Progress of  Trade, Due Dates etc.

**Contribution :**

- Exposure of Data as Service using RESTful APIs.
- Security Integration for RESTful Services.
- Consumption of SOAP based Payload Service to post application trade events.
- Creation of Reports in various medias i.e. PDF , Excel , Word , CSV ...  Using Jasper Technology
- Site Creation, Theme Creation and Access Rights Creation using Liferay CMS.
- Exposure of internals to the client using Liferay JSON Services.
- User Interface Creation using JSP, DOJO etc.
- Provisioning of Servers to BXP.
  Deployment of Application on BXP (Cloud Server.  ) using Maven and Nexus.
- Unit testing of code following TDD and using Junit and Easymock.
- Creation of Partition package that describe Application to Cloud Platform.
- Alteration of python scripts that manipulates virtual machine directory structure.
- Siteminder Authentication Integration
- HTTPS Certificates integration.
- LDAP properties configuration.
- Coupling Application with BNY Connect which is SSO application for bank.

- Hyperic VM application usage for automation of build activities in UAT and Prod Environment
- SP writings to fetch data from MS SQL Server.

**Employer :RAGE Frameworks, Pune**

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| **Project** | **:** | **Semantic Intelligence** |
| Role | **:** | Team Member |
| Platform | **:** | Spring MVC 3, Hibernate3.0, Oracle |
| Duration | **:** | 1 year |

**Description** : Semantic Intelligence is Application generator for semantic analysis of various domains. i.e. Banking , Pharmacy , Regulatory Legislative , Chemical etc.

**Contribution :**

- Design of different entities as model.
- Application Lifecycle management i.e. Sessions , Transactions etc
- Deployment and production tasks.
- Web Services Exposures.
- Excel Generation.
- Schedulers and CRON jobs.
- RESTful URL services.
- CRUD and Business logic.
- Email Services.
- Flash Graphs using AMCharts , JSPLUMB , ExtJs etc.
- Data categorization and impact analysis.

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| **Project** | **:** | **Real Time Business Intelligence** |
| Client | **:** | Deloitte Inc. |
| Role | **:** | Team Member |
| Platform | **:** | Spring MVC 3, Hibernate3.0, Oracle |
| Duration | **:** | 9 months |

**Description** : Project's process is based on **Real Time Business Intelligence**: Downloading News (Financial, Medical, etc. from government sites) – Categorizing – Processing data with RAGE – Sentimental Analysis with NLP developers – Application – Quality Analysis. This would help client understand the overall statistics of any company.

**Contribution** :

- Design of different entities as model.
- Business Logic.
- RESTful URL services.
- Application Lifecycle management i.e. Sessions , Transactions etc
- Deployment and production tasks.
- CRUD and Business logic. Flash Graphs using AM Charts , JSPLUMB , ExtJs etc.

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| **Project** | **:** | **Fuelnet** |
| Client | : | Pfizer |
| Role | **:** | Team Member |
| Platform | **:** | Spring MVC 3, Hibernate3.0, Oracle |
| Duration | **:** | 6 months |

**Description :**

Life Science / Health Care / FuelNet is application for semantic analysis for Life Sciences and Health Care domain. It gives idea of adverse events to patients, Drug Performance based on historical Data.

**Contribution –**

- ➢ Design of different entities as model .
- ➢ CRUD operations of different entities
- ➢ Development of server side business logic.
- ➢ Application Lifecycle management i.e. Sessions , Transactions etc
- ➢ Application UI development using html , css , jquery,  ext js  , Js plumb and Flash Charts like AMCharts , High Charts.
- ➢ Deployment and production release related activities.
- ➢ Integration of NLP Services in Application.
- ➢ Study and analysis of project requirements. Developing Code, Customer interaction.

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| **Project** | **:** | **iSavera** |
| Role | **:** | Team Member |
| Platform | **:** | Java , Struts 2 .0 , Hibernate, Junit , multiple skills |
| Duration | **:** | 4 months |

**Description  :** iSavera is a loyalty management platform for Merchants , Vendors and Corporations.

**Contribution :**

- ➢ Design of different entities as model.
- ➢ CRUD operations of different entities
- ➢ Development of server side business logic.
- ➢ Application Lifecycle management i.e. Sessions , Transactions etc
- ➢ Testing of every method using Junit.
- ➢ Deployment and production release related activities.
- ➢ View creation using HTML , CSS , Jquery etc

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| **Project** | **:** | **Genie Planet** |
| Role | **:** | Team Member |
| Platform | : | Java , JUnit , Struts 2 , Hibernate 2.0 , miscellaneous skills |
| Duration | **:** | 3 months. |

**Description :**

Genie Planet is a online portal which is separated in two different services.

**1. Wishlist ( Apna Genie ) :** Apna Genie is survey based on the users  wish list.  i.e.  Wish list of the person getting married in near future , wish list of  recently married persons,  wish list of student.

**2. Deal of the Day ( Deal Genie ):**  Deal Genie provides best deals available in market of different cities in India.

**Contribution :**

- ➢ Design of different entities as model .
- ➢ CRUD operations of different entities
- ➢ Development of server side business logic.

- ➢ Application Lifecycle management i.e. Sessions , Transactions etc
- ➢ Testing of every method using Junit.
- ➢ Search Engine Optimization related changes
- ➢ To Schedule Cron Jobs.
- ➢ Integration of Facebook and Tweeter API.
- ➢ Development of functionalities like Suggest a friend , Feedback Engine, Newsletter Subscription etc.
- ➢ View creation using HTML , CSS , Jquery etc

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| **Project** | : | **Customer Guided Selling** |
| Role | : | Team Member |
| Platform | : | Java, Struts 2.0, JUnit , Hibernate , Drools , miscellaneous skills. |
| Client | : | USV India |
| Duration | : | 3 months |

**Description :**
Bank Product Guide for different bank customers. Suggestion of product suitable to customer based upon his income, occupation, age and other variables.

**Contribution :**

- ➢ Design and development of different entities as models.
- ➢ Testing of every method and implementation by using Junit testing.
- ➢ Rules logic implementation using Drools Development of CRUD for models.
- ➢ Service Classes and Action Classes i.e.  Product Wizard Service, Product Wizard Action.
- ➢ Addition of Hibernate annotations for Model Object Relational Mappings.
- ➢ Dependency Injections using Spring, Action Request and Response controlled through Struts 2.0.
- ➢ View development using JSP's, HTML. Programmed JQuery , Javascripts. Use of Ajaxified actions

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| **Project** | : | **Sales Performance Management System** |
| Client | : | USV India |
| Role | : | Team Member |
| Platform | : | Ruby , Ruby on Rails ,  miscellaneous skills |
| Duration | : | 3 months |

**Description :**  USV India is Pharmaceutical Company. Sales Performance management system is a software that track their sales , incentives , profits and  targets.

**Contribution :**

- ➢ The generation of database models through scaffolding, schema migrations, Masters production. Creation of different small helpers such as Text Validations, forgot password , user profile , Addition of different rails plug-in such as  act as audited, will paginate etc
- ➢ The implementation of code in don't repeat yourself ( DRY ) way.
- ➢ Development of server side business logic.
- ➢ Testing the controllers and models with rspec.
- ➢ View Development using HTML and ruby scriplets , CSS , jQuery.

## Education

**Diploma in Software Engineering**  NIIT

3 Years Software Engineering platform

**Bachelor of Electronics Science** Fergusson College, University of Pune

## Achievements

- Active Member of Stack Overflow Community having more than 2000 reputations earned by providing Solution to problems. https://stackoverflow.com/users/1487469/pramod-nikam
- Running active blog named http://www.techprehension.com  around various concepts of Micro Services , Java and Cloud.
- Won 'Most **Valuable Recruitment Panelist'** award for outstanding work in technical screening of interview candidates.
- Conducted Interactive Classroom Session on BNYM Cloud Services ( BXP ) which had more than 25 trainees.
- Conducted training session for Subversion practices.
- Winner at NITAT aptitude program.

- Finalist in App in a Day Hackathon and got appreciation from BNY Mellon CIO for same.
- Various training and Internal Certification from BNY Mellon and Cognizant.

## Trainings and Certifications

- Successfully Completed **Pivotal Accelerated Learning Program** from **Pivotal**

- Completed Spring Boot - Rapid Spring Application Development training
  https://www.udemy.com/certificate/UC-SQCHWC5V
- Completed Devops – CI CD Pipelines using Jenkins, Maven and Gradle
  https://www.udemy.com/certificate/UC-HW8HSNZB

## Personal Information

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| **Mobile:** | +91-9762124376 |
| **Date of Birth:** | 19 Sept. 1987 |
| **Nationality:** | Indian |
| **Language Known:** | Marathi, English, Hindi |
| **Passport:** | Yes |