

## PRANABESH PAUL

[p.pranb2009@gmail.com](mailto:p.pranb2009@gmail.com)

(India) 91+ 9239422406

### Relevant Experience

- Over 13 years of experience in IT industry in Software design and development on Java/J2EE platform.
- Exposure of developing Middle Tier application using J2EE technologies, Spring boot, Hibernate, microservices.
- Exposure to design and development using front technologies like backbone js, java script, JQuery, angular2 (not extensive experience).
- Sound experience of Agile / scrum methodology and entire software development life cycle.
- Experienced with troubleshooting and debugging skills.
- Expertise in writing SQL for several platforms including DB2, MS SQL Server, Oracle.
- Well experienced in OOPS and Design patterns like MVC, Singleton, Dependency Injection, Factory and Abstract Factory etc.
- Exposures of developing web application using Java, servlet, jsp, hibernate, spring, webservice.
- Experience in Unit testing framework like JUnit and Spock.
- Knowledge of Manufacturing, transportation, media, printing domain.

### Technical Skills

Operating System	Microsoft Windows 98/XP/2000, Win7/8/10, UNIX. Linux Fedora
Programming Languages	Java. HTML.
Technologies	JSP 2.0, Servlet 2.3, Struts 1.2.7, Java design pattern, Custom tag, EL, JSTL. Hibernate 3. Spring (IOC, MVC, ORM, Rest, Boot).microservices, webservices, angular js2(intermediate level), Junit, Spock, , JQuery, Backbone js, java script.
API Used	Quartz Scheduler ,JFreeChart, Log4j, HttpClient, dfc, jdbc, sql-processor,JUnit, Jibx, Spock,
ORM Technologies	Hibernate 3
Software Engineering Tools	SVN, MS Visual SourceSafe 6.0. Git, Svn
Database	Oracle, MySQL.DB2
Application server	Tomcat 5.0.GlassFish, jBoss
Tools	Eclipse 3.0,intellij idea ,TOAD 8.6.1 , Ant , NetBeans 6, SQLYOG,DreamWeaver, Squirrel, SoapUI, STS, Sql developer.
Enterprise service Bus	IBM Message Broker ESB tool
Methodologies	Agile, Design Patterns

### CERTIFICATIONS:

- SUN CERTIFIED JAVA PROGRAMMER 1.4
- SUN CERTIFIED WEB COMPONENT DEVELOPER 1.5

- SUN CERTIFIED BUSINESS COMPONENT DEVELOPER 1.5
- Brain Bench java 2, Brain Bench RDBMS
- BULATS (Business language Testing Service)
- *Brain Bench* Certification in collaboration with *Cognizant Technology Solutions*
  1. Java 2 Platform Enterprise Edition (J2EE) 1.4
  2. OO Concepts
  3. RDBMS Concepts
  4. SQL (ANSI)
  5. Java 5
  6. Java Server Pages (JSP 2.1)
  7. Programming Concepts

### **Education**

Title of the Degree with Branch	College/University	Marks	Year of Passing
Master of Technology in Computer Science and Application	Calcutta University. Address: Senate House, 87/1, College Street, Kolkata, West Bengal 700073, India.	76%	2011-2014
Bachelor Of Technology in Computer Science& Engg.	Kalyani Govt. Engg. College. Address: Kalyani-741235, Nadia West Bengal. India.	8.12 DGPA (Degree Grade Point Average, Max Grade 10)	2001-2005
XII	B.T Road Govt. Spond. Higher Secondary School.	85.8%	2001
X	B.T Road Govt. Spond. Higher Secondary School.	87.5%	1999

### **EMPLOYMENT HISTORY:**

Name of the Company	Designation	Duration
Lexmark International India Pvt Ltd.	Software Engineering professional -3	21 <sup>st</sup> June 2011 to till date.
Tata Consultancy Services	ITAnalyst	18th Aug 2010 to 17 <sup>th</sup> June 2011
Cognizant Technology Solutions India Private Limited.	Associate Project	12 <sup>th</sup> October 2009 – 13 <sup>th</sup> Aug 2010
Wipro Technologies	Project Engineer	10 <sup>th</sup> October 2005 – 1 <sup>st</sup> October 2009

**Current employer :** Lexmark International India PrivateLimited.

**Duration** –21<sup>st</sup> June 2011 to till date.

**Job Title:** Software Engineering Professional -3

Client – Lexmark International, Inc.  
740 W. New Circle Road  
Lexington, KY 40550

Duration at client - – 21<sup>st</sup> June 2011 to till date.

Worked on multiple products of Lexmark. Products which I worked on are Mps Config portal  
Device deployment utility, Mark vision Enterprise.

Mps Config portal is a web deployment tool for Lexmark printer. Service engineers create Configuration in the MPS portal, then those configuration is deployed in printers. There are several components of this deployment eco-system. Config admin being a web application used for configuration creation by account admin users. Installer web is the web application accessed through a mobile device to trigger the deployment at customer premises. Both of these web applications are created using technologies like Spring (MVC, Transaction, ORM, IOC, Security), Hibernate, jQuery, Bootstrap, Backbone.js, Spock, groovy. There are micro services like ccs-mps and ccs which are based on Spring boot. And a desktop application LRME which is developed using the technologies like Spring boot, bootstrap, jQuery. LRME is installed at customer premises to poll the job from ccs-mos and deploy to printers in their network. Gradle is used as a build tool for all the components, Spock (groovy) used as unit testing framework and git is used to maintain the code in github repositories.

Managed Print Services or MPS is a mix of software tools, services custom solutions and strategies that have the power to transform an organization. The tools optimize devices by aligning them to the specific needs of the user. They help manage devices on a regular basis so as to maintain high availability and management of consumables. Work in the capacity of a contributor developing on various tools spread across the MPS horizon. There are chiefly two ecosystems in Java and Spring microservices, Message Queue.

**Responsibilities:**

I Implemented and integrated new features and settings. I am Involved in bug fixation, product support, maintenance, writing Unit/Integration test, code review process.

- ✓ Implemented and integrated new features.
  - ✓ Worked on performance improvement in reporting section of the application
  - ✓ Bug fixation, product support and maintenance
  - ✓ Unit/Integration test
  - ✓ Involved in code review process.
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- The Device Deployment Utility (DDU) will be used to deploy both solutions and corresponding licenses (if any). It can also be used to deploy configuration files (.ucf) to update device and application settings. DDU can also be used to deploy firmware. The utility has an added functionality of discovering all devices supported by package builder. The status of each deployment/discovering step would be visible in a very basic status window. The status of each step will also be logged in two logs: -Application log and Deployment log. The utility takes the input in the form of a single IP address or a .csv file containing ip addresses for deploying a package or ucf files to device(s).

**Responsibilities:**

- ✓ Worked on different versions DDU
- ✓ Implemented and integrated new features and settings.
- ✓ Modified few pre-existing features based on the requirement.
- ✓ Newly released device(s) support
- ✓ Bug fixation, product support and maintenance
- ✓ Unit/Integration/Acceptance test
- ✓ Proposed few new ideas / design regarding customer's usability perspective.
- ✓ Used Windows, JDK, Swing, Spring (IOC), Groovy, STS, Gradle , Git, Log4j, Junit, Spock.
- ✓ Involved in code review process.

- Mark Vision Enterprise is a network printer and print server management utility extending to enterprise level. It is designed to make the network administrator, help desk, asset managers and the end users more productive following the ITIL guide lines. The front end (client) of this application is in Adobe Flex and backend is in Spring Framework. The database used is Firebird (default) and/or MS SQL server (user preference). Using this tool, users (the corporate network/system administrators) can discover all the printers they have over the network (anywhere it is) and can manage them from a single server from the desk.

#### **Responsibilities:**

- ✓ Worked on different versions MVE
- ✓ Implemented and integrated new features and settings.
- ✓ Modified few pre-existing features based on the requirement.
- ✓ Newly released device(s) support
- ✓ Bug fixation, product support and maintenance
- ✓ Unit/Integration/Acceptance test
- ✓ Proposed few new ideas / design regarding customer's usability perspective.
- ✓ Involved in code review process.

**Technologies used :** Windows, JDK, Spring (IOC, MVC, Security, ORM, transaction), Hibernate, Tomcat Web Server, JQuery, Backbone js, java script, Groovy, Eclipse, Gradle, SVN, Git, Log4j, Junit, Selenium, Firebird, MS SQL Server.

**Previous employer:** Tata Consultancy Services

**Duration** – 18th Aug 2010 to 17<sup>th</sup> June 2011

**Job Title :** IT Analyst (ITA)

Client – GE Money

Duration at client – Aug 2010 to June 2011

GE Money has collaboration with Colpatria bank. There are many front end application which are basically banking application helping in applying different loans, credit card insurance etc to Colpatria bank.

For different banking operation customer need to send documents in hard copy as well as soft copy. These soft copies are stored in the system. The maintenance and retrieval of these soft copies are done through Document registry application.

There are many external 3rd part system calls. So IBM Message Broker is used as the enterprise service bus and the business logics are created using EJB accessed by some web services. Hence the internal business logics (EJB and webservices) and external services are tied together by the IBM Message broker.

Some of the document services are like

- Create document
- Retrieve document Image.
- Update document data.
- Verify required documents
- Change document status.
- Eliminate Expired documents.
- Create customer
- Customer data modification
- Notify document archived

These service are basically maintaining the meta data in the database of a document whose hard copy is with the bank.

**Responsibilities:**

- ✓ Requirements come in terms of CR.
- ✓ Which includes requirement analysis..Coding
- ✓ Unit testing and Integration testing
- ✓ Defect fixing in SIT

**Technologies used** : Webservice, EJB3. JUnit.

**Previous employer** : Cognizant Technology Solutions India Private Limited.

**Duration** – From 12th Oct 2009 To 13th Aug 2010

**Job Title** :Associate Project

Client – Travelport, Inc.

Duration at client - Oct 2009 To Aug 2010

Travelport is making an API to provide tourism services like booking air, car , vehicle, rail hotel etc. There are few GDS (global distribution system) which keeps the data for different air lines , rail, car , hotels. And there are different agents who do booking, cancel booking, update booking on behalf of the tourists/persons. These agent has one desktop application installed in his system which talks to travelport API and this API in turn calls the GDS servers.

Desktop application calls the API via webservices , the API calls the GDS through webservice and ultimately return the results to the agents to do then booking or update booking. This travelport api itself comprises of many functionality. One of which is Strategic Merchandising.

Strategic Merchandising is basically a middle ware application which listens to webservices. It provides the optional services information when there is an air book between two particular airports or via airports. Some of the optional services may be extra wheel chair, veg meal, cabin crew for minors. The air book service calls this Merchandising engine to get all these informations..

**Responsibilities:**

- ✓ Requirements come in terms of story. Each story takes maximum of 60hrs effort. Which includes requirement analysis, Coding.
- ✓ Unit testing using JUnit
- ✓ Defect fixing in QA week

**Technologies used** : Spring, webservice , Jibx, Junit

**Previous employer** Wipro Technologies

**Duration** – April 2006 to 1st Oct 2009.

**Job Title** : Project Engineer

Client – Lexmark International.

Duration at client –3.5 year

This project is for production support, enhancement, development of the web applications and database of Lexmark. All the internet and intranet web application was being supported by this team. It includes instant bug fixing, executing change request, and system monitoring and module addition to the existing application. The applications that I supported and enhanced are.

LSPortal: - LSPortal is a web based service portal used for Contract Management and Supplies Management of printer and printer parts for different customers.

BCM: - This application is for viewing and modifies data in tables present in different databases.

BDPT: - This application is for creating business proposal and processing the proposal through different work flow.

Order Status: This application is responsible for sending mail on different status of an order.

#### **Responsibilities:**

- ✓ Coding in java for Change request/Enhancements in the web application.
- ✓ Development with JSP, struts, Servlet, Custom tag. Bug fixing in pl/sql.
- ✓ Used 'Sql processor' API/ Hibernate to interact with Database.
- ✓ Requirement gathering. Making deployment plan
- ✓ Attending the sev 1 call with the client.
- ✓ Interaction with customer for clarification of any requirement. Providing solutions.
- ✓ Writing Tech Document stating the current scenario and proposed scenario, Unit Test Cases.
- ✓ For some application done some performance improvement coding by modifying the existing code.
- ✓ Giving KT to the new comers to give technical support to the application.

#### **Technologies/Tools used:**

JSP 2.0, Servlet 2.3, Struts 1.2.7, Java design pattern, Custom tag, EL, JSTL , Hibernate. Spring (IOC). Junit, Quartz Scheduler, SVN, Oracle, MySQL. Tomcat 5.0. GlassFish, jBoss Eclipse 3.0, IntelliJ IDEA, TOAD 8.6.1 , Ant , SQLYOG, SoapUI, STS, Sql developer.

#### **Previous employer Wipro Technologies**

**Duration** – 10<sup>th</sup> Oct 2005 to April 2006.

**Job Title :** Project Engineer

**Client** – Business Object.

**Duration at client** – 6 months.

This project is for developing a web application to store, share manually uploaded reports. The reports were generated from business object and user used to upload it in the web apps to share with others.

#### **Responsibilities:**

- ✓ HTML page development.
- ✓ Testing
- ✓ Preparation of System test cases.

#### **Personal Information**

Sex : Male

MaritalStatus : Married

Language Proficiency : English, Bengali, Hindi

Email : [p.pranb2009@gmail.com](mailto:p.pranb2009@gmail.com)

Passportnumber: N4558977

PAN number : ANCPP2487R

Date of Birth : 18/05/1982(dd/mm/yyyy).

Nationality : Indian.

Address : Manikdanga road . Bank Managers house Lane.

PO: Gholabazar, Kolkata, Pin— 700111. West Bengal .