

## Prakhyat Neminath Jain

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As a Technical Lead at Mindtree, Bangalore. A self-motivated, technical explorer & quick learner and solution oriented professional with 12 years of experience in the Information Technology industry with an extensive experience in full stack development, technical architecting, expertise on Microservices and Multi Cloud.

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### Key Technical Skills

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Java 8, Spring Framework, Spring Boot, Microservices Architecture, Cloud – AWS & GCP, Hibernate, Design Patterns, Bootstrap UI, RDBMS & SQL, NoSQL, Reltio MDM, Talend, RESTful WS, JSF, Sonar, Fortify, HashiCorp Vault.

**Tools** – NetBeans, Eclipse, Spring Tool Suite, MS Management Studio, IntelliJ, Oracle SQL Developer, Jenkins, Git, Bitbucket.

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### Professional Summary

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- As a Technical Lead, involved in complete life cycle of software development such as Requirement Analysis, Architecting & Solutioning, Designing by exhibiting HLD & LLD using Unified Modelling Language, Documentation, Effort Estimation, Proof of Concept, Full Stack Development, Junit & Integration Testing, Defect Analysis and Defect Fixing.
  - Sound Knowledge and expertise in Java Programming, Spring Framework, Spring Boot, Hibernate, RESTful WS, RDBMS SQL & NoSQL.
  - 5+ Years of proven experience in developing Microservices Architecture with Cloud infrastructures such as AWS & GCP.
  - As part of Microservices worked on Architecting the services, Microservices Design Patterns, Fallback Mechanism, Implemented Event Driven Microservices, Distributed Tracing using Sleuth and Zipkins.
  - A good hands-on experience with AWS Cloud using its services EC2, SQS, SNS, SES, AWS Lambda Serverless Computing, EKS, S3 Bucket, CloudWatch, DynamoDB, DocumentDB
  - A Good hands on experience with GCP using its services Cloud Functions, Cloud Run, Cloud Storage, Pub/Sub, Cloud Spanner, Cloud Firestore, Cloud Logging and Monitoring, GKE, Google KMS.
  - An exposure of Reverse Engineering of Monolithic Applications into Microservices Implementation using the various microservices architecting techniques, modernization and enhancements.
  - Worked on various domains such as BFSI, Accounting, Logistics, CRM, MDM using RELTIO, e-Commerce, Retail, Inventory.
  - Extended Technical Leadership to team by coaching and mentoring throughout end-to-end software development, maintenance, and lifecycle to achieve project goals to the required level of quality with code review and analysis.
  - With a good experience on Agile Methodology active Involvement in product/sprint releases, value adds, enhancements, legacy decommissioning & modernization deployment, post production support activities.
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### Certifications

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- Developing applications with Google Cloud Platform – Coursera – Sep 2017
- Secure Delivery for Java Developers -Security Innovation – Dec 2020
- An Introduction to Reltio MDM with Labs –Reltio Academy - June 2017

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## Awards

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- ✓ **Gracious Award** – Pillar of Support – Sep 2021 – Mindtree
  - ✓ **CREST Award** – for excellent team performance – Aug 2020 - Mindtree
  - ✓ **SpotOn – Unstoppable** – for outstanding contribution – July 2020 - Mindtree
  - ✓ **Long Service Awards** in Aug 2016 for completing 3 years tenure at NTT DATA GDS LTD.
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## Academic Profile

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- **Master of Computer Applications (MCA)** from Gulbarga University, India. 2009 pass out with an aggregate of **73.09%**
  - **Post Graduate Diploma in Computer Applications (PGDCA)** from Gulbarga University, India. 2006 pass out with an aggregate of **78.14%**
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## Project Experience

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### Mindtree Limited, Bangalore, India

Technical Lead (April 2017 to Till Date)

Client: Equifax

(July 2018 to till date, Technical Lead – Full Stack Development, handled team size - 10)

**Project: Dispute Management – Event Driven Batch Processing Systems**

**Tech Stack:** Java 1.8, Spring Boot, Microservices, Drools, GCP, AWS, REST, STS, SQL Server, Sonar, Fortify

Reverse engineered the legacy on prem system and modernized it into the event driven microservices of various batch processing system for Dispute Management.

#### Responsibilities:

- Actively Involved in reverse engineering of legacy on prem applications of existing batch processes and documentation as requirements for modernization application development.
- Main interface with client for facilitating IT software solutions/application development initiatives involving the mapping of business requirements in terms of microservices using cloud services and engineering best practices.
- Providing technical direction, guidance to the development team with appropriate HLD, LLD designs documents, Layered Architecture project framework setup.
- Formulating Asynchronous technique communication using SQS, SNS, PUB/SUB that can support high-volume transactions between microservices.
- Implementation of distributed tracing and exception handling model across microservices.
- Identification & Implementation of Pure Generic Microservices for the use of Flat file processing, Inbound file Processing & Reverse Sync processing which resolved critical recurring problems of various batch processes.
- Delivering optimal solution artifacts and ensuring that information systems, products, and services meet or exceed organization/industry quality standards and end-user requirements.
- Interacting with team members to ensure the smooth progress of project work, ensuring adherence to quality norms throughout the implementation process.
- Providing post-implementation, application maintenance, and enhancement support to the client with regards to the product/software application.

Client: L'Oreal

Project : CRM-MDM

(April 2017 to April 2017, Technical Lead, Full Stack Development)

Environment: RELTIO, AWS, Java 1.8

A master data management system is designed and developed using Reltio, Java, microservices, AWS to manage the golden copy of customer relation data with respect to various products. Integrated with different source system for loading, cleansing, survivorship, matching, merging, & presenting of data.

**Responsibilities:**

- Understanding customer requirements, Design, Development and Information modelling of MDM using Reltio carrying out L3 configuration such as attributes, match rules, merge-survivorship, crosswalks, etc.
- Development of Java Microservices integrating it between source system and Reltio for data loading/migrations/transformation.
- Performing post data load operations such as matching, merging, reindexing & consistency check.

NTT DATA GDS LTD, Bangalore, India (CMMI 5)

Application Software Development Sr. Consultant (Aug 2013 to April 2017)

Client: Fidelity Investments

Project : FI-Eureka!

(Aug 2013 to April 2017, Individual contributor)

**Tech Stack:** Java 1.6, Bootstrap UI, JQuery, SpringBoot, Microservices Architecture, Hibernate, AWS, DisplayTag Library for Reports, SQL Server, NetBeans 7.3

A software web application designed and developed for Fidelity Global employees where users post their innovative ideas. Once the idea is submitted the same is routed for Review, Implementation, Calculating benefits, Grading, Finance vetting and awarding. The application also automates the flow for **Process Change Requests** submitted by the users of their respective Business Units. These process change request is routed to Team Reviewers, Central Reviewers and Writers. The complete end to end process automation is incorporated and the objective is to compute the cost savings and benefits of Fidelity Investments for each Innovative idea and PCR submitted.

**Project : Employee Benefits Management System**

(Aug 2013 to April 2017, Individual contributor)

**Tech Stack:** Java 1.6, Bootstrap UI, JQuery, Spring Boot, Microservices Architecture, AWS

This application is designed and developed to identify with all related benefits like Life Insurance, Health and Welfare, Defined contribution, Defined Benefits, Stock Options of a deceased employee. The application is used by the users of Fidelity Survivors serving Unit

**Responsibilities (for above two – projects FPCMS and RapLets):**

- Designing and development of software
- Review of use cases, wireframes and requirements with Business Analyst
- Providing efforts estimation
- Development of UI Prototypes, Detailed design, Development and Unit Testing
- Review of defects, analyze root cause of defects and defect resolution
- Preparing release notes and Active participation in SIT, UAT & Production releases.

## **JBA INFOTECH PRIVATE LIMITED, (ISO 27001 CERTIFIED) BANGALORE, INDIA**

Software Engineer (July 2011 to Aug 2013)

Client: AGIA – Association of Group Insurance Administrators

**Project : Dynamic Fields Rendering for Auto Insurance Quote System, Customer Service Portal**

**Tech Stack:** Java 1.6, JSF, Rich Faces 3.3, Spring 2.5, JDBC, REST web services, Drools, Tomcat 6.0, MySQL, NetBeans 6.9.

**Dynamic fields rendering** for Auto Insurance Quote System is a system where an auto insurance client can create their account, configure the screen (Screen includes Page. Page includes section. Section includes labels and controls) as required for their Quote system. The system also provides to write drools rule for a created screen, required java script for dynamic fields, source xml to client xml mapping (Using XSLT tool) and adding auto insurance related functionalities like dependent dynamic section and multiple section.

**Customer Service Portal** - Association Group Insurance Administrators (AGIA), headquartered at Carpinteria, CA is a leading insurance mass marketing administrator. They help their clients grow by creating insurance programs, market and administer them as well. All customer service activities are supported by our Telesales Management System, which means their high standards of service are maintained during peak volumes. The Customer Service Management System covers the entire workflow of AGIA call center representative. The system helps call center representative to login to application and view all the details about caller and assists caller by resolving their queries. The Customer Service Management System is integrated with legacy IBM Mainframe (GENELCO) system and retrieves and updates the policy information based on user inputs. Online payments are processed using Chase Payment Tech services.

### **Responsibilities:**

- Designing and development of software using agile development practices
- Review of use cases and wireframes with Business Analyst
- Development of UI Prototypes, Detailed design, Development and Unit Testing
- Review of defects, analyze root cause of defects and defect resolution

## **KTWO TECHNOLOGY SOLUTIONS, (ISO 9001:2000 CERTIFIED) BANGALORE, INDIA**

Software Engineer (November 2009 to July 2011)

Client: Deccan Cargo/Airlines

**Project: ECDS (Express Cargo Delivery System)**

**(Dec – 2009 to July – 2011, team size - 30)**

**Tech Stack:** Java 1.5, J2EE, JSF, ICEFACES1.8, Spring 2.5, Hibernate3.0, BIRT, Jboss4.0, MyEclipse6.0.1 (IDE).

ECDS is an automated application developed to optimize the performance of the entire delivery system by managing the data and transactions in a rather simpler way. Using this application all the paperwork is cut down thereby optimizing the productivity and improving the operations process time. The procedures of the ECDS operations are Pickup Request, Airway Billing, Routing Labelling, Service Station Operations, Gateway/ RAMP Operations, Hub Operations, Destinations and Proof Of Delivery Operations, Capacity Management, Weight and Balance.

### **Responsibilities:**

- Software Development (UI Design, Coding, Bug Fixing)
- Birt Reports Development (Integrating, Report Designing, Coding, Bug Fixing)
- Configuration Management – (SVN Branching, Source Code Management, Maintaining Project Docs)
- Build and Deployment process management for SIT environment