

RANJAN DEY

Senior Java AWS Developer

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Profile

- *8.5 years of experience in **Software Development, Designing and Implementation with Java, J2EE, Angular, Hibernate, Spring framework, Web Service (Restful)** in Banking & Financial Service, Travel & Hospitality and Insurance Domain*
- *Experience in application and webserver like **Web Sphere, Apache Tomcat, JBOSS, Web Logic***
- *Experienced in CI-CD implementation using **AWS Code Build, Bitbucket, Docker** and **Jenkins** deployment*
- *Hands on experience in code configuration and versioning (**GITHUB, Bit Bucket, SVN**), **Software Development Life Cycle (SDLC)** and **Software Testing Life Cycle (STLC)***
- *Adept with project coordination activities entailing planning, scheduling, mentoring fresher, application development, maintenance & enhancement*
- *As a Full Stack Engineer proficient with end-to-end development of software applications from requirement analysis to system study, designing, coding, testing, documentation and implementation facilitating **Agile Practices***
- *Comfortable in interacting with people across hierarchical levels for smooth project execution and team mentoring*
- *Developed **Innovation Apps** as an internal project for **Cognizant** using **Apache POI, Macro** and **Java** technology for report generation and sending automated e-mails*
- *Certified in AWS and Google Cloud platform*

Professional Experience

- Working as Senior Designer in **Tata Consultancy Services** from Sep 2021 to Present
- Worked as Offshore Tech Lead in **Cognizant Technology Solutions** from Jan 2019 to Sep 2021
- Worked as Senior Software Engineer in **Abzooba Analytics** from Jan 2018 to Jan 2019
- Worked as Service Consultant in **OLR India Consulting Private Ltd** from Aug 2017 to Jan 2018
- Worked as Programmer Analyst in **Cognizant Technology Solutions** from Nov 2014 to Jul 2017

Skill Set

Java Technologies	: Java 1.8, JDBC, Java Mail
JEE Technologies	: JSP, Servlet, Webservices(SOAP and Rest),Microservices
Frameworks	: Spring Boot, Spring MVC, Spring Security, Spring Batch, Junit, Mockito, Django, Angular
ORM	: Hibernate, Spring Data JPA
Design Pattern	: Singleton, Data Access Object (DAO), Factory, Saga, Strangler
Tools	: Eclipse, STS, IntelliJ, SQL Developer, Maven, GIT, JIRA, Slack, Service Now, Bamboo
Platforms	: Databases (MySQL, Oracle, Postgres, Mongo, DynamoDB), OS (Linux, Windows), Kafka
Methodologies	: Waterfall and Agile Scrum
Programming	: HTML5, CSS3,JavaScript, Python, GraphQL
Cloud & DevOps	: Docker, Bit Bucket, Jenkins, OpenShift, Elasticsearch, Kibana, AWS, Azure, GCP

Project Details:

Immediate Account Access

Client: A Banking Client (UK)

Duration: Dec'22-Present

Role: Senior Developer

Domain: Banking & Financial Services

Technologies: Java 8, Spring Boot, Spring Reactive Web, Microservices, RabbitMQ, Docker, Python, OpenShift

Project Description: The project aims at digitization of opening a bank account with the customer. IAA enables a customer to quickly completes the validation journey of RTFC and start transaction on the newly created account. It automates the initial customer validation journey and opening an account if all the validations of RTFC checks are met successfully. The project follows the Microservices architecture of SAGA design pattern and uses Spring 5 reactive programming for service communication.

TMM Re-Engineering

Client: A Postal Client (Europe)

Duration: Sep'21-Nov22

Role: Senior Designer

Domain: Retail and Hospitality

Technologies: Java 8, Spring Boot, AWS ECS Fargate, Lambda, Microservices, Terraform, Docker

Project Description: The project aims at re-architecting of TMM master application into a cloud native microservices architecture. The TMM application stores events of parcel life cycle into a master system. Notifications are triggered from the data stored in the master DB. The new solution design will decouple the architecture into a loosely coupled microservices where individual components can be built and deploy following the best design principles.

Digital Communication – Chatbot Implementation

Client: A Banking Client (USA)

Duration: Jul'19-Sep'21

Role: Module Lead

Domain: Banking & Financial Services

Technologies: Java 8, Spring Boot, AWS LEX, AWS Lambda, Microservices, Elasticsearch, Kibana

Project Description: The project aims at implementing a bilingual chatbot application. Microservices built using AWS Lex for configuring intents, utterances and slots. The aim of the project is to digitally enable the customers for connecting with the Bank. Customer chat interactions are analyzed further for different statistical data and take provide better solutions.

Client Specific Disability Application

Client: A Top Insurance Company (USA)

Duration: Jan'19-June'19

Role: Offshore Tech Lead

Domain: Insurance

Technologies: Java 8, Angular JS, Maven, Bit Bucket, Java Script, Oracle DB, IBM DB2, Mongo

Project Description: The project aims at implementing client specific features for all the claim related queries in the Disability domain. There are multiple applications in the disability cluster for handling various customer claims, leave handling process, different feed extraction reports and Statement of Health information.

Annotation Tool Implementation

Client: A Top Financial Service Client (USA)

Duration: Oct'18-Jan'19

Role: Senior Software Engineer

Domain: Financial Services

Technologies: Java, HTML, Maven, GIT, Bit Bucket, Java Script, SQL Server

Project Description: The project aims at creating a product named as Annotation Tool which is built using XpressoViz framework. The tool is used for data analysis, data visualization by creating different charts, patterns. The tool will also be used by CG end users to annotate different documents by giving their feedbacks based on the search query provided. The tool visualizes different account information based on different user roles.

Cognitive Learning Platform

Client: A Top Financial Service Client (USA)

Duration: Jan'18-Sep'18

Role: Senior Software Engineer

Domain: Insurance

Technologies: Java, HTML, Maven, GIT, Bit Bucket, Web Crawling, SQL Server, Hibernate

Project Description: Cognitive Learning Platform is used to provide CG End Users all the relevant insurance information depending on their search criteria. The platform is designed by decomposing different HTMLs, PDFs and Images and post process the data in Neural Networks. The platform is working as automation over the insurance brokers for CG.

XSTORE POS Implementation and Support

Client: Retail Clients in USA

Duration: Aug'17-Jan'18

Role: Service Consultant

Domain: Retail & CG

Technologies: Java, J2EE, ANT, Spring, Weblogic, ServiceNow

Project Description: Oracle Xstore POS aims at providing accurate retail sale transactions, price handling, tax and tenders for all the customers. It also responds quickly to the transaction queries, extends personalized offers based on the customer history. Also integrates with Locate, Relate and Xadmin for managing Inventory lookups, Customer Information and Centralized transaction details.

Helix Application Portal Implementation

Client: A Top Airlines Client (USA)

Duration: APR'15-Jul'17

Role: Application Developer

Domain: Travel & Hospitality

Technologies: Java,J2EE,Maven,Spring,WebSphere

Project Description: Helix Application is designed for Airline's customer professionals to provide them customers information flying with the Airlines. This tool is basically based on the frequent flyer program of AA where a customer is assigned with some Eagle value(5 is highest) on their profitability to AA and the quality of their travel experience with AA over the last few trips.

Roles and Responsibilities:

- Worked as Team Lead for Notification Microservices development for the TMM project
- Worked as Solution Designer for the TMM Re Engineering project
- Worked in the Annotation Tool product development used as a data visualization and feedback tool
- Worked in the Web Crawling and Decomposition and Pipeline Modules for Cognitive Learning Platform
- Developing Service layer, Business layer in Java for Helix portal
- Successful contribution in making design documents (HLD, LLD)
- Working on code review and bug fixing issues
- Involved in Production Support for Oracle XSTORE POS for different clients
- Interacting directly with clients for requirement gathering and analysis for different projects

Academic Qualification

- B. Tech. (Electronics & Communication Engineering) from Jalpaiguri Govt. Engineering College under West Bengal University of Technology with 8.55 DGPA in 2014.
- W.B.C.H.S.E. (Class 12) passed From Tarai Tarapada Adarsha Vidyalaya, Siliguri with 75.8 percent marks
- W.B.B.S.E. (Class 10) passed from Tarai Tarapada Adarsha Vidyalaya, Siliguri with 86.12 percent marks

Personal Details:

Date of Birth– 29th August 1990

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