Curriculum Vitae

**JOYDEEP SUR**

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| **Profile Summary:** |

Around 6.3 years of experience, currently working as **System Analyst** at **IBM** under **Client Innovation Center(CIC), India,** previously worked as **Associate** under **Banking and Financial Services(BFS) Digital Engineering** at **Cognizant [**worked as a **consultant** at **JP Morgan Chase]**, **Senior Systems Engineer** under **Retails, CPG and Logistics(RCL) Application Development and Maintenance (ADM) Unit** at **Infosys Ltd.**

* Excellent Java development skills using **Core Java, Spring Boot, Microservices with Spring JPA, Hibernate, Spring Cloud, Spring Batch, Spring Cache, Kafka, Docker.**
* Working experience with **Oracle database**.
* Worked in UI technology like **Angular6**
* Containerization tool like **Docker,** container orchestration like **Kuberneters**
* Extensive development experience in **RESTful Web Services.**
* Having hands on experience in handling **Use Cases, Functional Specification, Coding, Unit Testing, Knowledge Transfers and Business Analysis**.
* Understand functional requirements and have knowledge to develop technical design using standard patterns.
* **Trained** in **J2EE by Infosys Education, Training and Assessment (ETA) Team.**
* Having working experience in **Spring, Spring Boot, Hibernate, Angular Framework.**

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| **Technical Skills:** |

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| Programming Languages | Core Java |
| J2EE Technologies | Spring Boot, Spring Batch, Spring Cache, Spring JPA, Servlets, JSP, JDBC |
| Frameworks | Spring , Hibernate |
| UI Technologies | Angular6, Type Script |
| Database | Oracle 12c, MySql, Scylla, PostgreSQL |
| Tools | Eclipse, STS,SQL Developer |
| Domain | Banking and Financial Services(BFS), Retail, CPG and Logistics(RCL), Pharmacy |
| Web Server | WAS, PCF |
| Web Technology & Scripting | JSON, XML |
| Messaging \Data Streaming | Kafka |
| Containerization | Docker, Kuberneters |

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| **Academic Qualification:** |

* **B.Tech in Information Technology** from West Bengal University of technology in 2014, securing 68.4%
* **H.S.E.** (West Bengal Board) securing 65.4%
* **S.E.** (West Bengal Board) securing 83.1%

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| **Employment Details:** |

**EMPLOYER:** IBM

**DESIGNATION:** System Analyst

**DURATION:** December, 2019 – Current

**Role (JRF):** Full Stack Java Developer

**Career Stream:** Client Innovation Center (CIC), India

**Career Substream:** Application Innovation (AI) Lab

**Vertical:** Cloud Native Application Development

**Practices Unit:** Global Business Services (GBS)

**EMPLOYER:** Cognizant, [working as consultant at JP Morgan Chase]

**DESIGNATION:** Associate

**DURATION:** July, 2018 – November, 2019

**Role:** Associate**-** Development

**Career Stream:** Digital Engineering

**Career Substream:** Project Management

**Vertical:** Banking and Financial Services (BFS)

**Practices Unit:** BFS

**EMPLOYER:** Infosys Ltd.

**DESIGNATION:** Senior Systems Engineer

**DURATION:** January, 2015 – July, 2018

**Role:** Senior System Engineer**-** Java Development

**Career Stream:** Delivery

**Career Substream:** Project Management

**Vertical:** Retails, CPG and Logistics (RCL)

**Practices Unit:** RCLADM

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| **Project Handled :** |

Role**:** System Analyst Duration**:** December 2019– till date

**Project Title:** TPD (Tobacco Products Directive)

**Client:** British American Tobacco (BAT)

**Duration:  From**December 2019– till date

**Description**: British American Tobacco plc is a cigarette and tobacco manufacturing company headquartered in London, England. It is the second-biggest stock market-listed tobacco group by global market share in the world. BAT has a market-leading position in over 50 countries and operations in around 180 countries.

TPD (Tobacco Products Directive) is a European Commission (“EU”) based regulatory, compliance project. The project started when British American Tobacco signs cooperation agreement with European Commission and the Member States of the European Union (“EU”) to collectively tackle the problem of illicit trade in tobacco. The black market in tobacco involves criminal gangs smuggling across borders, engaging in large-scale tax evasion and producing counterfeit cigarettes. With weak penalties for perpetrators, poor border controls, low arrest rates and tobacco taxes creating disparity between neighboring countries, it’s a problem that’s set to grow.

This is an event-driven system, that captures, communication, processing, and persistence of events, differs from a traditional request-driven model.

It takes request from upstream application and process and sends secondary response to its downstream application.

Upstream application: BAT

Downstream application: Dentsu

The application does lot of data process using @Asyn operation. API gateway we have use IBM Product API Connect

* Understanding the requirements.
* Involved in analysis of business requirements & prepared the TDD documents.
* Responsible for developing the functionality.
* Responsible for developing

**Technology:** Spring Boot, Spring Data Cassandra, Kafka, Spring Batch, Spring Cloud, Cassandra-Scylla, Angular, GitHub, Jenkins, Maven, IBM Cloud, Docker, Kuberneters. API Connect

Role**:** Associate Duration**:** Augusts 2018– November 2019

**Project Title:** New Tech Introduction (getITnow)

**Client: JP Morgan Chase**

**Duration:  From August 2018-November 2019**

**Description**: **JPMorgan Chase & Co.** is an American multinational investment bank and financial services company headquartered in New York City. JPMorgan Chase is the **largest bank in the United States**, and is ranked by **S&P Global as the sixth largest bank** in the world by total assets as of 2018, to the amount of $2.535 trillion.

getITnow is a product used by JPMC business leaders and technologists cross Line of Business(LOB) navigate the complex journey of introducing a new technology into the firm. The workflow takes into account what the technology is going to do, level of risk and complexity it will introduce. And guide business leaders and technologist through the relevant journey. The product orchestrates the new technology introduction through all relevant stages of evaluation, pilot, approvals and sourcing.

* Take part in Design discussion.
* Lead Development of the product as per the client requirements using Spring Boot, Spring JPA and RESTful Web Services.
* Build and deploy using Jenkins Pipeline on Pivotal Cloud Foundry.
* Unit testing of code.
* Implementation Using Agile Methodology.
* Understanding underlying database architecture and alter the structure.

**Technology:** Spring Boot, Spring JPA, Spring Batch, Spring Cache, Spring Cloud, Oracle12c, S3, BitBucket, Jenkins, Maven, Pivotal Cloud Foundry, ADFS based authentication.

Role**:** Senior Systems Engineer Duration**:** January 2015– July 2018

**Project Title:** Store Validation System (SVS)

**Client: KROGER Group-USA**

**Duration:  From December 2016- July 2018**

**Description**: The **Kroger Company**, or simply **Kroger**, is an American [retailing](https://en.wikipedia.org/wiki/Retail) company founded by [Bernard Kroger](https://en.wikipedia.org/wiki/Bernard_Kroger) in 1883 in [Cincinnati](https://en.wikipedia.org/wiki/Cincinnati), [Ohio](https://en.wikipedia.org/wiki/Ohio). It is the [United States](https://en.wikipedia.org/wiki/United_States)'s largest [supermarket](https://en.wikipedia.org/wiki/Supermarket) chain by revenue. Each supermarket has a Pharmacy Section within it.

Kroger Pharmacy has 2300 Store across US. Each store has separate Server and Database installed. The whole Kroger Pharmacy is having one Central Database. The EPRN(EasyFill Pharmacy Application) works on Store-Central Architecture through Replication Model. EPRN Application is connected to many External Services and Devices.

Maintaining this huge infrastructure is becoming a big concern for Kroger. As part of our project we are creating a Store Validation System which internally check the Database, Replication Channels, external WebServices in order to validate anddisplay in a Simple Graphical UI to the Support Team Members. It will help team to make necessary changes though the UI to make sure EPRN application running.

* Understand Pharmacy domain and EPRN architecture.
* Participating in client calls and involved in the requirement gathering from the clients.
* Involved in the design and development of the applications as per the client requirements using Spring Boot, Hibernate and RESTful Web Services.
* Unit testing of code.
* Implementation Using Agile Methodology(Scrum Methodology).
* Understanding underlying database architecture and alter the structure.

**Technology:** Spring Boot, Hibernate, Angular6,Oracle SQL Developer, BitBucket, Teamcity, Maven, JFrog Artifactory

**Project Title: KRAFT Foods group –US**

**Client: Kraft Heinz**

**Duration:  From June 2015-October 2016**

**Description**: The Kraft Heinz Company is an American worldwide food company formed by the merger of Kraft Foods and Heinz.The merger was backed by 3G Capital and Berkshire Hathaway, which invested US$10 billion in the deal, making Kraft Heinz worth about US$46 billion.

**OTM**(Oracle Transportation Management): An enterprise business application used by Kraft to manage orders and shipments.  
**SHIPS**(ShipmentInformation Processing System): An enterprise business application used for financial management on daily or monthly basis.  
**Key Responsibilities:**

* Requirement analysis by going through the Functional specifications.
* Extensive research in the domain of OTM,SHIPS as requirement was to implemented in existing codebase.
* Designed and developed the Application Module based on requirement by Client MVC architecture.
* Development, Unit testing for the proposed change.
* Documenting the Evidence of Testing For client.
* Providing support to the Testing team during testing phase.
* Document and share own learnings from own module, seek information and leverage knowledge from other modules in order to drive higher efficiency and effectiveness.

**Technologies:** Core Java,SQL,SSH(Secure Shell), Eclipse,SQL Developer, Toad for Oracle 11.6.

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| **Achievements and Awards:** |

* **Eminent Star Award** at IBM, **Q4-2020**
* Awarded **Best Debut** at Cognizant.
* Awarded **Insta Award** for RCL in **Q3-2017** for **Excellent Delivery Infosys**.
* Joined the company as a Systems Engineer and was prompted to the **Senior Systems Engineer** in Jan, 2017.
* Secured 86% marks in the Infosys Training programmer by Education, Training and Assessment Team of Infosys at Mysore.
* Completed Infosys Certified Java Develop 2.0 Jun, 2017.
* **Governor of West Bengal Awardees’** for Service to the community by Bharat Scouts & Guides, West Bengal.
* Participated in various Service, Camp and Activities under **Bharat Scouts & Guides, India** and World Organization of Scout Movement (WOSM).
* Rover Scout Leader of Bharat Scouts & Guides, India

# **Personal Profile:**

**Language Known :** English, Hindi, Bengali

**Nationality :** Indian

**Gender :** Male

**Strength :** Good communication, Interpersonal, Technical and analytical skills.

A willing and quick learner.

**Hobbies :** Internet Surfing, Listening Music,

**Address :** C/O-Shila Sur**,** 196,Bireswar Banerjee Street, Post Office- Bhadrakali, District-

Hooghly, Kolkata, PIN-712232,West Bengal.

# **Other Comments**

I hereby declare that the information that I have furnished is authentic, and true to the best of my knowledge.

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[**JOYDEEP SUR]**

**Date:** 25th May, 2021

**Place:** Kolkata, India