# RAKESH KUMAR PRASAD (2) Featured

Associate seeking roles in Software Development, Data Analysis, Software Development Lifecycle, Data Mining, Requirement Analysis, Client Relationship Management, Data Visualization, Solution Design, Problem Solving, Troubleshooting, Team Building



Current Designation: Associate -Projects Total Experience: 12 Year(s) 0 Month(s)

Current Company: Cognizant Notice Period: 1 Month

Current Location: Noida Highest Degree: MCA [Computers]

Pref. Location: Bengaluru / Bangalore, Delhi / NCR, Hyderabad Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Married

Key Skills: requirement analysis, client relationship management, data visualization, problem solving, spark, scala, python, nosql, big data, databricks, etl, data warehousing, sql, oracle, hdfs, pipeline, data

warehousing,aws,EMR,Amazon Ec2,SNOWFLAKE

Verified: Email - id

Last Active: 19-Jan-21 Last Modified: 19-Jan-21

## Summary

A Competent Professional with nearly 12 years of success in Software Development, Technical Support, Designing, Testing and Deploying Enterprise Data Solutions in Life Science (Enterprise Analytics), Pharmaceutical and HealthCare, Ecommerce, Real Estate Domains

Excels in all the phases of Software Development Lifecycle (SDLC) entailing requirement analysis, design, development, implementation, delivery and troubleshooting

Hands on experience (5+ years) with Big Data core components and Ecosystem (DataBricks, AWS S3, AWS EMR, AWS EC2, Hive, YARN, Spark Core, Spark SQL, Airflow, Job server and Collibra), PySpark and Scala in ETL approach for faster processing in agile methodology.

Designed REST API using Flask, Python and Waitress.

Experience in working with the different file formats like Avro, ORC and Parquet.

Experience in working with the data warehousing tool like Snowflake.

Adaptive to team environment and ability to work in a fast-paced environment as an individual contributor.

## **Work Experience**

Cognizant as Associate - Projects

Apr 2011 to Till Date

Key Result Areas:

Managing projects inclusive of identifying potential processes and developing framework; implementing processes in-line with the guidelines for improving operational efficiencies, developing various IT application using SDLC and other project methodologies & ensuring support execution

Leading large-scale business application architecture and design efforts; developing and maintaining application architectures from scratch.

Ensuring the successful delivery of emerging big data solutions and defining strategy, principles, vision, and standards; providing advisory services around the data frameworks, governance, and quality.

Forming alliances with department managers on projects, operational decisions, scheduling requirements/conflicts, and vendor contract clarification; leading the development of enterprise technology standards, governance processes, and performance metrics to ensure company delivers value

Monitoring the project delivery team structure is adequate and enforces compliance, best practices, approach & direction for the technical aspects of the organization's practice; providing technical leadership to fellow team members Identifying talent and champion growth opportunities reflective of the business needs, succession plans and growth

objectives

Fostering a culture of intellectual curiosity and continuous learning

Partnering with Delivery Management, Product Owners and Platform Engineering Leads to ensure shared understanding of priorities, vision/strategy and architecture of various Platforms

Assessing and helping drive adoption of new technologies and methods within the team

Ensuring adherence development and architecture standards and best practices

Steering entire project implementation with a view to achieve business objectives and ensure optimum utilization of available resources

Designing, developing and implementing ETL pipelines using python API (PySpark) of Apache Spark.

Developing Python Scripts to automate data validation process. Ensured the data integrity by checking for completeness, duplication, accuracy, and consistency

Analyzing information system needs, evaluating end-user requirements, custom designing solutions, troubleshooting for information systems management

Assisting the sessions with Subject Matter Experts/Business Owner and understanding & mapping the business process/requirements & documenting the business requirements/concern(s) and pain areas

Integrating data storage solutions in spark? especially with AWS S3 objects storage

Interacting with the client?s and other vendor?s business and IT Teams to gather, define, clarify and refine requirements, guiding the architecture and design of applications

Deploying various methodologies to analyse various processes, recommending modifications to enhance operational efficiencies with help of IT initiatives, control variability, minimize escalations, costs and reduce cycle-time Performing several roles like identifying new process, determining gaps in existing process and implementing new processes; participating in design reviews & assisting with allocation of functionality to specific system components Documenting test efforts using flowcharts, layouts, diagrams, and charts; designing Software Requirement Specification document (SRS) as per the business requirements

Facilitating technical discussion/meeting with development team for overall understanding of the project Understanding clients business requirements and analysing business, functional and high-level technical requirements; assessing system level & functional level risks

Mapping requirements and providing them best solutions involving evaluation and defining of scope of project and finalizing project requirements

Solutions Digitas as Software Engineer Sep 2010 to Mar 2011

**E- Visualizers** as Software Engineer May 2008 to Jun 2010

#### **Education**

UG: B.Sc (Maths) from Veer Bahadur Singh Purvanchal University (VBSPU) in 2003

PG: MCA (Computers) from Uttar Pradesh Technical University (UPTU) in 2008

#### IT Skills

Skill Name	Version	Last Used	Experience
DataBricks		2020	4 Year(s)
Python	3	2020	5 Year(s)
SPARK	2.4	2020	3 Year(s)
SCALA		2020	3 Year(s)
HIVE		2020	4 Year(s)
AWS		2020	4 Year(s)
MVC	5	2017	5 Year(s) 0 Month(s)
Mongodb		2020	2 Year(s)
Amazon Redshift		2020	3 Year(s)
Big Data		2020	5 Year(s)

## Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				

## **Projects**

Project Title: Sales Quota Setting Tool

Client: Pharma Companies Nature of Employment: Full Time

Duration: Jan 2019 - Jun 2020 Role: Project Leader Onsite / Offsite: Offsite Team Size: 6

Skill Used: Python, PySpark, DataBricks, Tableau Desktop Role Description: ? Working as Technical Lead for the project.

- Continuously collected business requirements during the whole project life cycle.
- ? Design, development and implementation of ETL pipelines using python API (PySpark) of Apache Spark.
- **Developed Python**

Project Details: Client is a world leading research-based pharmaceutical company with a powerful combination of skills and resources that provides a platform for delivering strong growth in today's rapidly changing healthcare environment. Sales Quota Tool helps the managers to define and stimulate sales effort. Sales quota is a way or a parameter to drive the sales organization to achieve and realize its targets beforehand. It also helps in growth and investments required. Following are the high level functionalities delivered by this application.

Data Loading This includes receiving feeds from clients and process after validation.

Sales Quota Calculation: This includes run the process to calculate the quota.

Project Title: Sales Analysis Tool Client: Pharma Companies Nature of Employment: Full Time

Role: Sr. Programmer Onsite / Offsite: Offsite Team Size: 10

Duration: Jan 2016 - Dec 2018

Skill Used: MVC, WEB API, SQLServer, Python, Pandas, and NumPy, PySpark, DataBricks, Tableau Desktop, MDM Role Description: ? Working as Technical Lead for the project.

Closely interacted with onshore team to analyze business requirement and understand use case and involved in ongoing discussion with client team

Project Details: Client is a world leading research-based pharmaceutical company with a powerful combination of skills and resources that provides a platform for delivering strong growth in today's rapidly changing healthcare environment. Sales Analysis Tool which is used to review products/service sales, sales by representative, market segments, and sales team goals. Using our dashboard client can be able to better analyze sales.

Our Sales Analysis tool offers a number of approaches to better analyze the behavior of sales, which will help the client when creating forecasts for upcoming years. The key stakeholders of the company will expect to be informed in a way that it is easy to understand and that answers most questions related to the performance of the company. Our dashboard helps with client to accomplish those goals, and make communicating and analyzing easier.

Project Title: OPAL Reporting Client: Pharma Companies

Nature of Employment: Full Time Duration: Jan 2013 - Dec 2015 Onsite / Offsite: Offsite

Project Details: Client is a world leading research-based pharmaceutical company with a powerful combination of skills and resources that provides a platform for delivering strong growth in today's rapidly changing healthcare environment. OPAL (Online Product Authorizations & Lifecycle) is an effective and efficient wide system for the tracking of regulatory applications and product registration details for both investigational and marketed products for all central Pharama and LOCs. It is the authoritative source of product registration information for client. It is a one-stop system for answering the question of what product is registered where, and what the details of each authorization are.

Project Title: Sales Planning Tool Client: Pharma Companies Nature of Employment: Full Time

Duration: Apr 2011 - Dec 2012 Onsite / Offsite: Offsite

Project Details: It is a Pharmaceutical work force optimization Analytics product by Cognizant Analytics vertical used by fortune 100 Pharama companies It is a Web-based application that designed for the sales operations managers and medical representatives to perform their daily activities like call planning, reconciling of sales data from field operations team, customer data management, customer valuation, segmentation, targeting, and creating refined call plans.

Project Title: CW BIG AVM

Client: Confidential

Nature of Employment: Full Time Duration: Sep 2010 - Mar 2011 Onsite / Offsite: Offsite

Project Details: Business Integration Group (BIG) is a subsidiary of Cushman & Wakefield (C&W) Company which is a diverse customer base ranging from small businesses to Fortune 500 companies. It offers a complete range of services for all property types, fully?integrated on a global basis, including leasing, sales and acquisitions, debt and equity financing, investment banking, corporate services, property management, facilities management, project management, consulting, Valuation, appraisal and property tax services.

Project Title: Holiday Planning Tool

Client: Confidential

Nature of Employment: Full Time Duration: May 2008 - Jun 2010

Onsite / Offsite: Offsite

Project Details: This Website provides the destination for rental real estate searching and listing. It is the most Comprehensive rental / apartment listing database in the world. This includes single family homes and houses for rent, apartments, condos, town homes, vacation rentals, and a variety of other rentals.

Environment: ASP.NET, HTML, ADO.NET, JavaScript, SQLServer 2005.

#### **Affirmative Action**

Category: General

#### **Work Authorization**

Job Type: Permanent

Physically Challenged: No Employment Status: Full time