

# RESUME

## Pankaj Kumar Patra

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<https://pankajkumarpatra.github.io/> 

My goals are to accomplish a sound position in an organization and work enthusiastically in a team, contributing to the development of self and the organization.

### Professional Summary

- Setting up Cloud environment and working with Azure Databricks.
- Perform data integration and manage ETL workflows using Informatica and Azure Data Factory.
- Manage and optimize Data Warehouse, Data Lake, and Data Marts.
- Implement Data Governance and Automate tasks for daily scheduled jobs using PySpark.
- Understand Multi-Hybrid cloud infrastructure, migrate on-premise applications to the cloud, maintain Data Integrity, availability, and confidentiality.
- Having good problem-solving skills with excellent interpersonal skills and good relationship qualities while working with international (USA and Australia) clients.
- Good team member, positive attitude and result oriented, self-motivated, quick learner, willing to adapt to new challenges and new technologies

### Work Experience

#### Data Engineer at Tata Consultancy Services Limited

Oct 2020 - Present

- With over 3.8 years of experience, I have experience in big data engineering and Microsoft Azure and worked on data pipeline using Azure Databricks and Azure Data Factory.
- I have over 2.5 years of experience in designing REST APIs and working on Data Lake or Lakehouse projects and building scalable and metadata-driven data ingestion pipelines using CDC (Changed Data Capture) retention policy.
- Worked with a team for 1 year on developing web applications using JavaScript, CSS, HTML.
- Integrated Production data pipeline with Power Automate for 1 year to complete automation of scheduling, orchestrating, and validating pipelines.
- As per USA client requirements, I manage to load processed enterprise data into Power BI for data visualization according to different time zones.

- Performed ETL operations using Azure Data Factory, Azure Functions, Azure SQL database, Azure Data Lake Storage (ADLS) for different file formats like Delta Lake, Parquet, CSV, JSON.
- Working closely with Admin team for 1 year to create suitable databricks clusters for executing high-performance data processing for structured and unstructured data.
- Communicate effectively with vendors and Data customers to fine-tune Data Platform.
- Participated in Solutions design and Data modelling for application enhancements.
- Managed a 24 \* 7 Support team and solve most of the ingestion and ETL related issues.
- Developed PySpark script to load data from Microsoft Azure to SQL Server Management Studio (SSMS). The script works 30 percent faster than previous framework.
- On daily basis, I interact and collaborate with multiple teams and various stakeholders to meet deadlines. As I am a part of agile team, all our discussions, designs, deployments are being managed in SharePoint and Microsoft Planner. So, I have well experience about Office 365.

### **Data Analyst Intern at Aptus Data Labs**

May 2018 - July 2018

- Text Mining - Transformation, Cleansing & term-document matrix extraction
- Worked on Data Analysis projects - Collected data from various sources, performed ETL operations, analyze data using various models
- Worked on POSTMAN API tool to build and Testing API
- Prepared Python for intermediate level and learn the use of it in Big Data
- Participated in Gartner meet - discussed on ways to evaluate Product Demand variability

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### **Experience Profile**

- Internship May 2018 to July 2018 – Data Science and Analyst Intern, Aptus Data Labs
- Microsoft certified: Azure Fundamentals ([AZ - 900](#))
- Microsoft certified: Azure Data Fundamentals ([DP - 900](#))
- Microsoft certified: Power BI Data Analyst Associate ([PL - 300](#))
- Microsoft certified: Azure Data Engineer Associate ([DP-203](#))

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### **Academic Qualifications**

- BTech in Computer Science – National Institute of Science and Technology (N.I.S.T.) with C.G.P.A. of 8.1
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## Co-Curricular Activities

- (July 2018 – March 2020) Working as a Student Guide for N.I.S.T. Counselling Service (N.C.S.), understanding the concept of counseling and the role of the student counselor, guiding students – understanding their issues, helping them find solutions, supporting them as a career mentor, motivating them to pursue excellence in their field of interest, and participating in various team-building activities.
- (Oct 2018 – March 2020) Worked as an Active Club Member, Data Science Club, N.I.S.T., organized workshops on Python, Linear Regression, Logistic Regression, basics of Data Science, and Analytics.

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## Technical Skills Summary

<b>Machine Language Skills</b>	Python, Scala, SQL, MongoDB
<b>Data Analysis</b>	PySpark, Shell Scripting, Spark, Hadoop, REST API implementation
<b>Web Development</b>	JavaScript, CSS, HTML
<b>Tools</b>	Microsoft Office 365, Azure Portal, Databricks, Azure Data Factory (ADF), Azure Functions, Microsoft Power BI, Power Automate, Planner
<b>Operating System</b>	Windows, Linux

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## Personal Details

D.O.B.: 28<sup>th</sup> January, 1999  
Nationality: Indian  
Gender: Male  
Languages Known: English, Hindi, Odia  
Strength: Hard-working, Flexible, Eager to learn

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## Declaration

I hereby declare that all the above-mentioned information and the particulars furnished are true and unambiguous, to the best of my knowledge.

**Mr. Pankaj Kumar Patra**  
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