# ARINDAM PATRA

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**B.E.**

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| WORK EXPERIENCE |

* 2.9 years of experience in IT.
* Involved in setting up ETL pipelines using Spark/Scala and generate reports.
* Migrated existing pig and MapReduce jobs to Spark to ensure better performance.
* Have experience in writing pig and spark udfs to meet business requirement.
* Developed Spark Code in Scala using Spark SQL and Data Frames for aggregation and report generation.
* Designed and Implemented Partitioning and Bucketing in Hive.
* Used Approximation techniques (HLL++) to speed up cardinality calculation in Spark.

**Technologies:**

* Spark
* Hive
* Scala
* Unix
* Shell Scripting
* Pig
* SQL
* NoSQL (Cassandra)

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| Current PROJECT |

**Organization: Infosys Ltd.**

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| **1. Project Name** | ICloud Reporting |
| Client Name | A top MNC |
| Technologies | Hadoop, Spark, NoSQL (Cassandra), Hive,SQL, Pig, Scala, Shell Scripting |
| Team size | 5 |
| Description | The project is based on generation and maintenance of reports based on the logs generated by various Applications. |

**My Roles and Responsibilities:**

* Communicate with Client to understand the requirements.
* Develop Spark Applicationsto setup pipelines and generate report.
* Design hive tables.
* Monitor the deployed jobsto ensure that they are running smoothly.
* Take care of any job failures.
* Have to check reports from time to time to ensure all are up-to-date.
* Optimize spark jobs to ensure better performance.
* Perform POCs.

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| ACADEMIC QUALIFICATIONS |

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| **Course** | **Institute** | **University** | **Passing Year** | **Marks** |
| B.E(EE) | Jadavpur University | Jadavpur University | 2017 | CGPA – 8.01 |
| Intermediate | D.A.V | CBSE | 2013 | PERCENTAGE-90.17 |
| High School | D.I.V | CBSE | 2011 | CGPA – 10 |

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| PERSONAL INFORMATION |

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| Nationality | Indian |
| Sex | Male |
| Status | Single |
| Date of Birth | 3rd March,1995 |
| Language Known | English, Hindi, Bengali |

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| DECLARATION |

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

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|  | Signature: Arindam Patra |