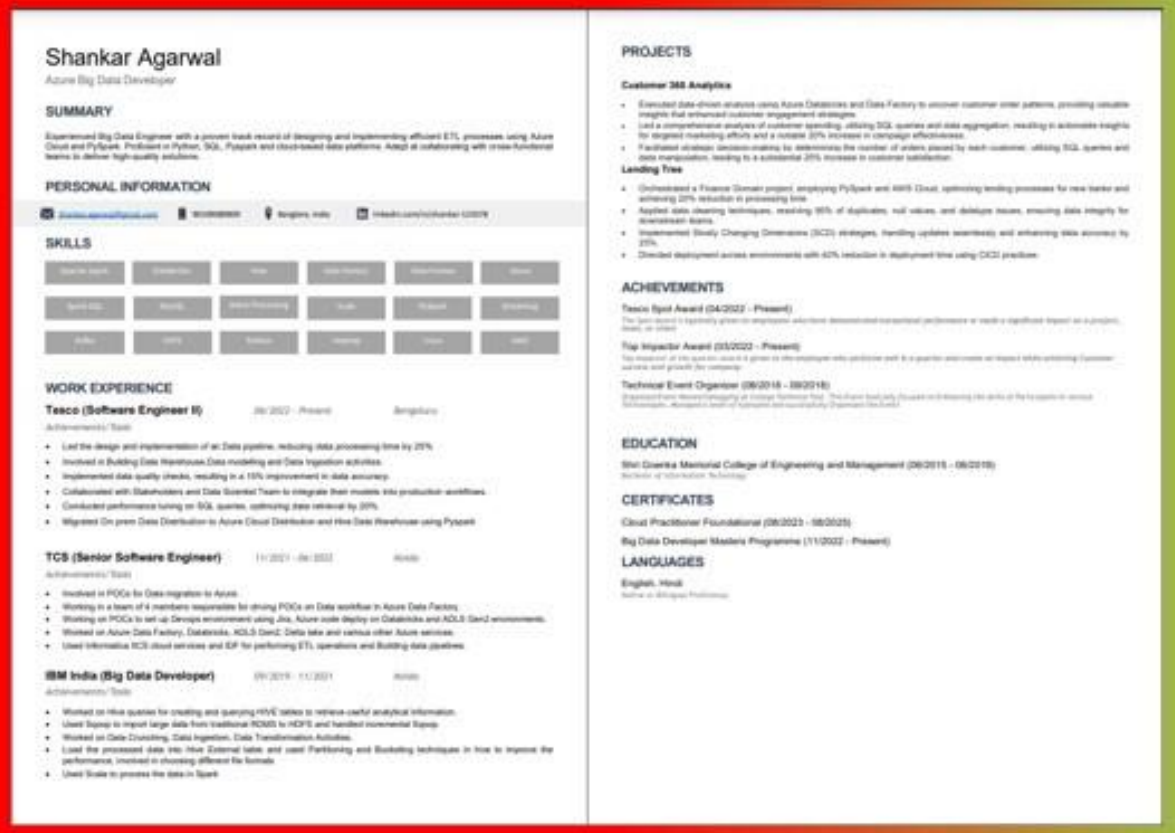
ATS SCORE

44

VS

ATS SCORE

100



Shankar Agarwal

Azure Big Data Developer

SUMMARY

Experienced Big Data Engineer with a proven track record of designing and implementing efficient ETL processes using Azure Cloud and PySpark. Proficient in Python, SQL, Pyspark and cloud-based data platforms. Adept at collaborating with cross-functional teams to deliver high-quality solutions.

PERSONAL INFORMATION

SKILLS

WORK EXPERIENCE

Tesco (Software Engineer II) 06/2022 - Present Bengaluru

Achievements/ Tasks

- Led the design and implementation of an Data pipeline, reducing data processing time by 25%
- Involved in Building Data Warehouse,Data modelling and Data Ingestion activities.
- Implemented data quality checks, resulting in a 15% improvement in data accuracy.
- Collaborated with Stakeholders and Data Scientist Team to integrate their models into production workflows.
- Conducted performance tuning on SQL queries, optimizing data retrieval by 20%.
- Migrated On prem Data Distribution to Azure Cloud Distribution and Hive Data Warehouse using Pyspark

TCS (Senior Software Engineer) 11/2021 - 06/2022 Noida

Achievements/ Tasks

- Involved in POCs for Data migration to Azure.
- Working in a team of 4 members responsible for driving POCs on Data workflow in Azure Data Factory.
- Working on POCs to set up Devops environment using Jira, Azure code deploy on Databricks and ADLS Gen2 environments.
- Worked on Azure Data Factory, Databricks, ADLS Gen2, Delta lake and various other Azure services.
- Used Informatica IICS cloud services and IDF for performing ETL operations and Building data pipelines.

IBM India (Big Data Developer) 09/2019 - 11/2021 Noida

Achievements/ Tasks

- Worked on Hive queries for creating and querying HIVE tables to retrieve useful analytical information.
- Used Sqoop to import large data from traditional RDMS to HDFS and handled incremental Sqoop.
- Worked on Data Crunching, Data Ingestion, Data Transformation Activities.
- Load the processed data into Hive External table and used Partitioning and Bucketing techniques in hive to improve the performance, involved in choosing different file formats.
- Used Scala to process the data in Spark.

PROJECTS

Customer 360 Analytics

- Executed data-driven analysis using Azure Databricks and Data Factory to uncover customer order patterns, providing valuable insights that enhanced customer engagement strategies.
- Led a comprehensive analysis of customer spending, utilizing SQL queries and data aggregation, resulting in actionable insights for targeted marketing efforts and a notable 20% increase in campaign effectiveness.
- Facilitated strategic decision-making by determining the number of orders placed by each customer, utilizing SQL queries and data manipulation, leading to a substantial 25% increase in customer satisfaction.

Lending Tree

- Orchestrated a Finance Domain project, employing PySpark and AWS Cloud, optimizing lending processes for new banks and achieving 20% reduction in processing time.
- Applied data cleaning techniques, resolving 95% of duplicates, null values, and datatype issues, ensuring data integrity for downstream teams.
- Implemented Slowly Changing Dimensions (SCD) strategies, handling updates seamlessly and enhancing data accuracy by 25%.
- Directed deployment across environments with 40% reduction in deployment time using CI/CD practices.

ACHIEVEMENTS

Tesco Spot Award (04/2022 - Present)

The Spot Award is typically given to employees who have demonstrated exceptional performance or made a significant impact on a project, team, or initiative.

Top Impactor Award (03/2022 - Present)

Top Impactor of the quarter award is given to the employee who performed well in a quarter and made an impact while achieving Customer success and growth for company.

Technical Event Organizer (08/2018 - 09/2018)

Conducted IT Skilled Event named Meraj-ki-ki at College Technical Fest. The Event had Lady Gujarat on Enhancing the skills of the Students in various Technologies. Managed a team of 5 people and successfully Organized the Event.

EDUCATION

Shri Guenka Memorial College of Engineering and Management (06/2015 - 06/2019)

Bachelor of Information Technology

CERTIFICATES

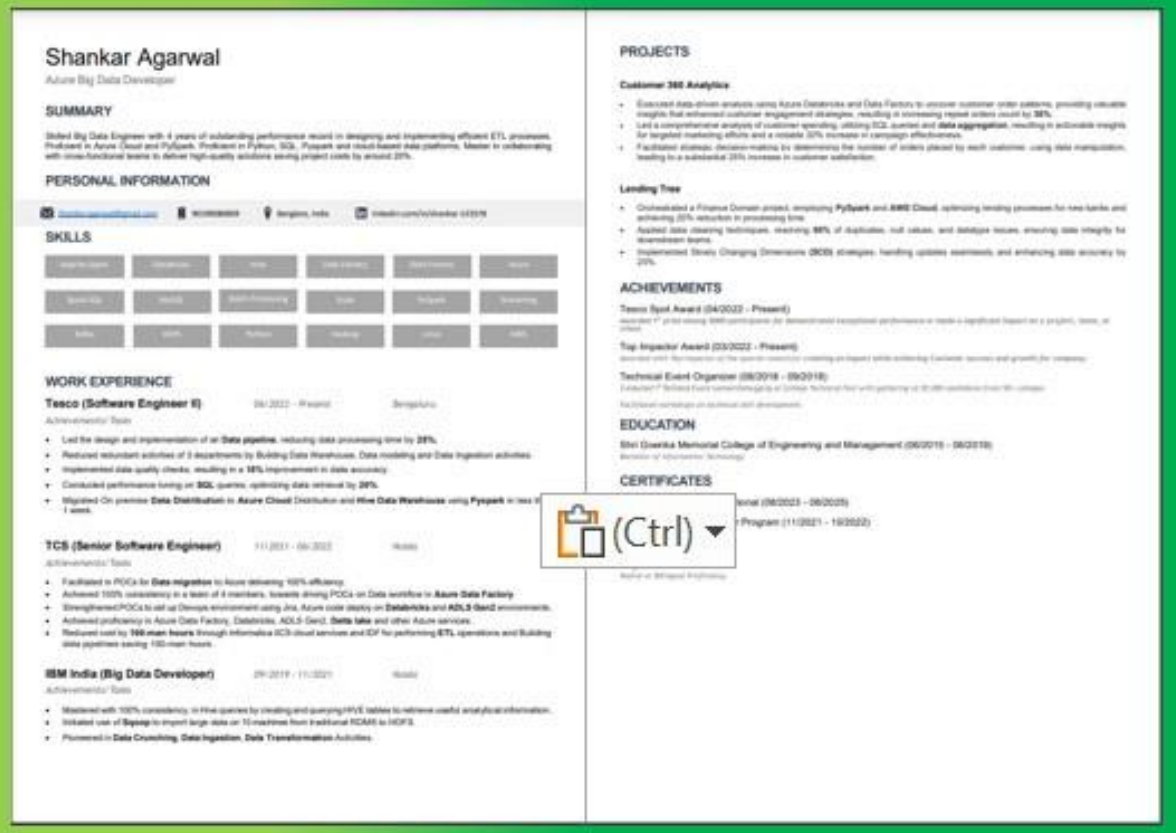
Cloud Practitioner Foundational (06/2023 - 08/2025)

Big Data Developer Masters Programme (11/2022 - Present)

LANGUAGES

English, Hindi

Native or Bilingual Proficiency



Shankar Agarwal

Azure Big Data Developer

SUMMARY

Skilled Big Data Engineer with 4 years of outstanding performance record in designing and implementing efficient ETL processes. Proficient in Azure Cloud and PySpark. Proficient in Python, SQL, Pyspark and cloud-based data platforms. Master in collaborating with cross-functional teams to deliver high-quality solutions saving project costs by around 20%.

PERSONAL INFORMATION

SKILLS

WORK EXPERIENCE

Tesco (Software Engineer II) 06/2022 - Present Bengaluru

Achievements/ Tasks

- Led the design and implementation of an **Data pipeline**, reducing data processing time by **25%**.
- Reduced redundant activities of 3 departments by Building Data Warehouse, Data modelling and Data Ingestion activities.
- Implemented data quality checks, resulting in a **15%** improvement in data accuracy.
- Conducted performance tuning on **SQL** queries, optimizing data retrieval by **20%**.
- Migrated On premise **Data Distribution** to **Azure Cloud** Distribution and **Hive Data Warehouse** using **Pyspark** in less t... 1 week.

TCS (Senior Software Engineer) 11/2021 - 06/2022 Noida

Achievements/ Tasks

- Facilitated in POCs for **Data migration** to Azure delivering 100% efficiency.
- Achieved 100% consistency in a team of 4 members, towards driving POCs on Data workflow in **Azure Data Factory**.
- Strengthened POCs to set up Devops environment using Jira, Azure code deploy on **Databricks** and **ADLS Gen2** environments.
- Achieved proficiency in Azure Data Factory, Databricks, ADLS Gen2, **Delta lake** and other Azure services.
- Reduced cost by **500 man hours** through Informatica IICS cloud services and IDF for performing **ETL** operations and Building data pipelines saving 100 man hours.

IBM India (Big Data Developer) 09/2019 - 11/2021 Noida

Achievements/ Tasks

- Mastered with 100% consistency, in Hive queries by creating and querying HIVE tables to retrieve useful analytical information.
- Initiated use of **Sqoop** to import large data on 10 machines from traditional RDMS to HDFS.
- Pioneered in **Data Crunching**, **Data Ingestion**, **Data Transformation** Activities.

PROJECTS

Customer 360 Analytics

- Executed data-driven analysis using Azure Databricks and Data Factory to uncover customer order patterns, providing valuable insights that enhanced customer engagement strategies, resulting in increasing repeat orders count by **30%**.
- Led a comprehensive analysis of customer spending, utilizing SQL queries and **data aggregation**, resulting in actionable insights for targeted marketing efforts and a notable 20% increase in campaign effectiveness.
- Facilitated strategic decision-making by determining the number of orders placed by each customer, using data manipulation, leading to a substantial 25% increase in customer satisfaction.

Lending Tree

- Orchestrated a Finance Domain project, employing **PySpark** and **AWS Cloud**, optimizing lending processes for new banks and achieving 20% reduction in processing time.
- Applied data cleaning techniques, resolving **95%** of duplicates, null values, and datatype issues, ensuring data integrity for downstream teams.
- Implemented Slowly Changing Dimensions (**SCD**) strategies, handling updates seamlessly and enhancing data accuracy by 25%.

ACHIEVEMENTS

Tesco Spot Award (04/2022 - Present)

Top Impactor Award (03/2022 - Present)

Technical Event Organizer (08/2018 - 09/2018)

EDUCATION

Shri Guenka Memorial College of Engineering and Management (06/2015 - 06/2019)

CERTIFICATES

(Ctrl)

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1. IMPACT (Quantify Impact in numbers)

ATS SCORE

52

^ 8 Points

Work Experience

BEFORE

- Involved in Building Data Warehouse, Data modelling and Data Ingestion activities.
- Migrated On prem Data Distribution to Azure Cloud Distribution and Hive Data Warehouse using Pyspark
- Involved in POCs for Data migration to Azure.
- Used Informatica IICS cloud services and IDF for performing ETL operations and Building data pipelines.
- Worked on Hive queries for creating and querying HIVE tables to retrieve useful analytical information.
- Used Sqoop to import large data from traditional RDMS to HDFS and handled incremental Sqoop.
- Load the processed data into Hive External table and used Partitioning and Bucketing techniques in hive to improve the performance, involved in choosing different file formats

AFTER

- Involved in Building Data Warehouse, Data modelling and Data Ingestion activities helping 3 departments.
- Migrated On prem Data Distribution to Azure Cloud Distribution and Hive Data Warehouse using Pyspark in less than 1 week.
- Involved in POCs for Data migration to Azure delivering 100% efficiency.
- Used Informatica IICS cloud services and IDF for performing ETL operations and Building data pipelines saving 100-man hours.
- Worked on Hive queries for creating and querying HIVE tables to retrieve useful analytical information with 100% consistency.
- Used Sqoop to import large data on 10 machines from traditional RDMS to HDFS and handled incremental Sqoop.
- Load the processed data into Hive External table and to create Partitioning and Bucketing techniques in hive to improve the performance, involved in choosing different file formats like ORC, Parquet format reducing 50 man hours per activity.

Projects

- Executed data-driven analysis using Azure Databricks and Data Factory to uncover customer order patterns, providing valuable insights that enhanced customer engagement strategies.
- Executed data-driven analysis using Azure Databricks and Data Factory to uncover customer order patterns, providing valuable insights that enhanced customer engagement strategies, resulting in increasing repeat orders count by 30%.

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1. IMPACT (Quantify Impact in numbers)

ATS SCORE

52

^ 8 Points

Achievement

BEFORE

- The Spot Award is typically given to employees who have demonstrated exceptional performance or made a significant impact on a project, team, or client
- Organized Event Named Debugging at College Technical Fest. This Event basically focused on Enhancing the skills of Participants in various Technologies. Managed a team of 4 peoples and successfully Organized the Event

AFTER

- Awarded 1st prize amongst 5000 participants for demonstrated exceptional performance or made a significant impact on a project, team, or client
- Organized 1st ever Technical Event Named Debugging at College Technical Fest with gathering of 20,000 people. This Event basically focused on Enhancing the skills of Participants in various Technologies. Managed a team of 4 peoples and successfully Organized the Event

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1. IMPACT (Weak Action Verbs)

ATS SCORE

60

^ 8 Points

BEFORE

- Involved in Building Data Warehouse, Data modelling and Data Ingestion activities helping 3 departments.
- Working in a team of 4 members responsible for driving POCs on Data workflow in Azure Data Factory.
- Working on POCs to set up Devops environment using Jira, Azure code deploy on Databricks and ADLS Gen2 environments.
- Worked on Azure Data Factory, Databricks, ADLS Gen2, Delta lake and various other Azure services.
- Used Informatica IICS cloud services and IDF for performing ETL operations and Building data pipelines saving 100-man hours.
- Organized Event Named Debugging at College Technical Fest. This Event basically focused on Enhancing the skills of Participants in various Technologies. Managed a team of 4 peoples and successfully Organized the Event
- Worked on Hive queries for creating and querying HIVE tables to retrieve useful analytical information with 100% consistency.
- Used Sqoop to import large data on 10 machines from traditional RDMS to HDFS and handled incremental Sqoop.
- Worked on Data Crunching, Data Ingestion, Data Transformation Activities.
- Load the processed data into Hive External table and to create Partitioning and Bucketing techniques in hive to improve the performance, involved in choosing different file formats like ORC, Parquet format reducing 50 man hours per activity.

AFTER

- Reduced redundant activities of 3 departments by Building Data Warehouse, Data modelling and Data Ingestion activities.
- Achieved 100% consistency in a team of 4 members, responsible for driving POCs on Data workflow in Azure Data Factory.
- Strengthened POCs to set up Devops environment using Jira, Azure code deploy on Databricks and ADLS Gen2 environments.
- Achieved proficiency in Azure Data Factory, Databricks, ADLS Gen2, Delta lake and various other Azure services.
- Reduced cost by 100-man hours through Informatica IICS cloud services and IDF for performing ETL operations and Building data pipelines saving 100-man hours.
- Successfully conducted 1st ever Technical Event named Debugging at College Technical Fest with gathering of 20,000 people.
- Mastered in Hive queries for creating and querying HIVE tables to retrieve useful analytical information with 100% consistency.
- Initiated use of Sqoop to import large data on 10 machines from traditional RDMS to HDFS.
- Pioneered in Data Crunching, Data Ingestion, Data Transformation Activities.
- Enhanced performance by loading the processed data into Hive External table, creating Partitioning and Bucketing techniques in hive, and choosing different file formats like ORC, Parquet format reducing 50-man hours per activity.

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1. IMPACT (Repetition)

ATS SCORE

67

^ 7 Points

Projects

BEFORE

- Led a comprehensive analysis of customer spending, utilizing SQL queries and data aggregation, resulting in actionable insights for targeted marketing efforts and a notable 20% increase in campaign effectiveness.
- Facilitated strategic decision-making by determining the number of orders placed by each customer, utilizing SQL queries and data manipulation, leading to a substantial 25% increase in customer satisfaction.

AFTER

- Led a comprehensive analysis of customer spending, utilizing SQL queries and data aggregation, resulting in actionable insights for targeted marketing efforts and a notable 20% increase in campaign effectiveness.
- Facilitated strategic decision-making by determining the number of orders placed by each customer, using data manipulation, leading to a substantial 25% increase in customer satisfaction.

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1. IMPACT (Avoid Responsibility Oriented Language)

Work Experience

- Achieved 100% consistency in a team of 4 members, responsible for driving POCs on Data workflow in Azure Data Factory.
- Achieved 100% consistency in a team of 4 members, towards driving POCs on Data workflow in Azure Data Factory.

Note : Replace Responsibilities with Accomplishments

2. BREVITY (Remove Additional Bullet Points)

ATS SCORE

73

^ 6 Points

- 23 Bullet Points found in Core section. Ideal count should be between 12 to 18.

Content Removed

- Collaborated with Stakeholders and Data Scientist Team to integrate their models into production workflows.
- Enhanced performance by loading the processed data into Hive External table, creating Partitioning and Bucketing techniques in hive, and choosing different file formats like ORC, Parquet format reducing 50-man hours per activity.
- Directed deployment across environments with 40% reduction in deployment time using CICD practices.

2. BREVITY (Remove Filler Words)

BEFORE

- Achieved proficiency in Azure Data Factory, Databricks, ADLS Gen2, Delta lake and various other Azure services.
- Successfully conducted 1st ever Technical Event named Debugging at College Technical Fest with gathering of 20,000 people.

AFTER

- Achieved proficiency in Azure Data Factory, Databricks, ADLS Gen2, Delta lake and various other Azure services.
- Conducted 1st Technical Event named Debugging at College Technical Fest with gathering of 20,000 candidates from 50+ colleges. Facilitated workshops on technical skill development.

3. STYLE (Remove Buzz Words)

ATS SCORE

77

^ 4 Points

Summary

BEFORE

- Experienced Big Data Engineer with a proven track record of designing and implementing efficient ETL processes using Azure Cloud and PySpark. Proficient in Python, SQL, Pyspark and cloud-based data platforms. Adept at collaborating with cross-functional teams to deliver high-quality solutions.

AFTER

- Experienced Big Data Engineer with a proven track record of designing and implementing efficient ETL processes using Azure Cloud and PySpark. Proficient in Python, SQL, Pyspark and cloud-based data platforms. Master in collaborating with cross-functional teams to deliver high-quality solutions.

3. STYLE (Chronology)

ATS SCORE

80

^ 3 Points

Certificate

BEFORE

- Cloud Practitioner Foundational (08/2023 - 08/2025)
- Big Data Developer Masters Program (11/2022 - Present)

AFTER

- Cloud Practitioner Foundational (08/2023 - 08/2025)
- Big Data Developer Master Program (11/2021 - 10/2022)

4. SECTION (Length & Metrics)

ATS SCORE

97

^ 13 Points

Summary

BEFORE

Experienced Big Data Engineer with a proven track record of designing and implementing efficient ETL processes using Azure Cloud and PySpark. Proficient in Python, SQL, Pyspark and cloud-based data platforms. Master in collaborating with cross-functional teams to deliver high-quality solutions.

AFTER

Skilled Big Data Engineer with 4 years of outstanding performance record in designing and implementing efficient ETL processes. Proficient in Python, SQL, Pyspark and cloud-based data platforms. Master in collaborating with cross-functional teams to deliver high-quality solutions saving project costs by around 20%.

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Passed : Length

Missing : Metrics & Numbers

Review System Readability

ATS SCORE

100

^ 3 Points

File Name Should Contain 'Your Name' as mentioned in Resume

BEFORE

File Name : SHANKAR AGARWAL RESUME V5

AFTER

File Name : SHANKAR AGARWAL RESUME