Manas Mishra

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SUMMARY

Cloud Data & Analytics Professional with 5+ years of experience in developing and implementing data-driven strategies, cloud data architecture, and modern analytics solutions. Proven expertise in AWS and Azure platforms, Databricks, and data warehouse solutions. Skilled in delivering high-impact cloud transformation projects for financial services and insurance sectors, with a strong background in AI/ML, Big Data engineering, and data governance.

CORE SKILLS

Cloud Platforms: AWS (Glue, S3, Redshift, CloudFormation), Azure (Data Factory, Synapse, ADLS), Google Cloud Platform (BigQuery)

Data Engineering: Databricks, Hadoop, Spark, Scala, Kafka, Snowflake, Terraform

Data Governance: Data Management, Master Data Management (MDM), Data Quality & Security

Programming & Scripting: Python, SQL, JavaScript

DevOps & CI/CD: Docker, Kubernetes, Jenkins, Terraform, CloudFormation

Data Visualization: Tableau, Power BI, Cognos

AI/ML: Model Development, ML Ops, Python (TensorFlow, Scikit-learn)

CERTIFICATIONS

- AWS Certified Solutions Architect
- Databricks Certified Associate Developer for Apache Spark

WORK EXPERIENCE

University of Georgia   Athens, GA
Graduate Teaching Assistant   *Jan 2023 - May 2024*

- Enhanced student comprehension of AI and ML by 20% through hands-on Python and SQL assignments for data analysis.
- Increased deployment efficiency by 30% by integrating Azure DevOps and Docker, streamlining the development process.
- Applied Azure Data Factory and Databricks for complex data integration, optimizing ETL pipelines and reducing processing times by 35%.
- Simplified cloud data concepts into user-friendly applications, boosting learning outcomes by 20%.

UPS Supply Chain Solution   Alpharetta, GA
Application Developer Intern   *May 2023 - Aug 2023*

- Developed and deployed machine learning models using Python and Databricks, significantly optimizing supply chain efficiency by 40%.
- Engineered Azure Data Factory and Databricks pipelines, automating data workflows and cutting deployment time by 80%.
- Built cloud-native web applications leveraging Azure services and Terraform for infrastructure as code, improving user engagement by 25%.
- Implemented comprehensive cloud data integration strategies with Snowflake, reducing data latency and enhancing data accuracy by 30%.

Infosys   Pune, India
Specialist Programmer (Full Stack Developer)   *Jun 2020 - Jul 2022*

- Architected and implemented cloud data solutions using AWS, Databricks, and Terraform, driving a 30% improvement in system reliability and performance.

- Integrated AWS Glue, Databricks, and Snowflake for scalable data processing, reducing job execution time by 40%.
- Designed and optimized data warehouses with star and snowflake schemas, enhancing reporting efficiency by 35%.
- Spearheaded data governance and quality assurance processes, achieving a 4.8/5 client satisfaction rating across multiple insurance sector projects.
- Implemented DevOps practices with Terraform, Jenkins, and Kubernetes, reducing deployment time by 91% and enhancing cloud infrastructure management.

Hewlett Packard Enterprise   Bangalore, India
Full Stack Developer Intern   *Jan 2019 - Apr 2020*
- Developed cloud-based web services using Node.js and React, contributing to a 20% increase in system efficiency.
- Implemented RESTful APIs and cloud-based microservices architecture using Docker and Kubernetes, reducing integration time by 30%.
- Applied Terraform for infrastructure management, optimizing deployment processes and improving system scalability.
- Employed user-centered design methodologies, using Figma and Sketch, to enhance user experience.

PROJECT EXPERIENCE

FedEx   **Atlanta, GA**
Real-Time Inventory Management System
- Developed a cloud-based real-time inventory tracking system using AWS, Databricks, and Kafka, achieving 95% accuracy in inventory updates.
- Designed dynamic dashboards using Power BI, enhancing data visualization and decision-making capabilities.

LuluLemon   **Atlanta, GA**
E-commerce Platform Modernization
- Led the migration of a monolithic application to a cloud-native microservices architecture using AWS, Databricks, and Snowflake, reducing deployment time by 60%.
- Implemented GraphQL APIs and optimized cloud data pipelines with Terraform, improving frontend performance by 40%.

UPS Air Cargo   **Alpharetta, GA**
Predictive Maintenance System
- Designed and implemented a predictive maintenance system leveraging IoT data, cloud-based ML models, and Databricks, reducing unexpected breakdowns by 40%.
- Developed Azure-based data pipelines and Terraform-based infrastructure, improving maintenance scheduling efficiency by 35%.

EDUCATION

The University of Georgia   **Athens, GA**
MS in Computer Science   *Graduation Date: May 2024*

Uttar Pradesh Technical University   **Lucknow, India**
BS in Computer Science & Engineering   *Graduation Date: May 2020*