Reshma Manoj Kumar

Data Analyst

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SUMMARY

Data Analysis | Data Security | Data Mining | Data Warehousing | Regression Analysis | SQL Development Data Visualization | Business Processes | Statistical Analysis | Data Validation | Troubleshooting

CERTIFICATIONS

Oracle Cloud Data Management 2023 Foundations Associate

Oracle Cloud Application Developer

Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate

Microsoft Technology Associate (MTA)

SKILLS

Programming Languages   Java, Python, C (Programming Language), ASP.NET, JavaScript
Data Analytics & Security   Data Analysis, Data Visualization, Data Security, SQL, Data Extraction, Data Privacy
Databases   Oracle SQL Developer, SQL Server Integration Services (SSIS), MySQL
Cloud Services & Platforms   AWS Amplify, Amazon Web Services, OpenStack
IAM & Authentication   Single Sign-On (SSO), OAuth, SAML, PAM

EXPERIENCE

Data Analyst   May '24 — Present
Shineteck Inc   Jersey City, United States (Remote)
- Managed a project to migrate financial data from Oracle SQL to SQL Server. Utilized Oracle SQL Developer and SSMS to rewrite and optimize over 200 stored procedures and functions, improving query performance by 30%.
- Enhanced data migration and cleansing processes during a major system overhaul. Developed and tested over 150 stored procedures/functions, reducing transformation time by 40%.
- Optimized financial reports by rewriting complex SQL queries and incorporating advanced functions, resulting in a 50% increase in report generation speed.
- Integrated large financial datasets from different sources using SSIS and custom scripts, reducing discrepancies by 95% and ensuring reliable reporting.
- Conducted regular meetings, prepared documentation, and provided training sessions, fostering collaboration and achieving high stakeholder satisfaction.

Cloud Security Engineer   Jul '23 — Apr '24
IBP   Fremont, United States
- Conducted meticulous risk assessments and vulnerability scans of cloud infrastructure and applications, collaborating closely with cloud providers to ensure adherence to industry regulations and standards such as PCI DSS and HIPAA.
- Developed and maintained robust security controls including firewalls, intrusion detection/prevention systems, and access controls, while regularly reviewing and analyzing cloud security logs to pinpoint security incidents and areas for enhancement.
- Spearheaded the implementation of advanced threat detection mechanisms within the cloud environment, leveraging machine learning algorithms to proactively identify and mitigate security threats before they escalate.
- Established robust disaster recovery and business continuity plans for critical cloud systems, ensuring seamless operations and minimal downtime in the event of unforeseen incidents or outages.
- Collaborated with cross-functional teams to design and execute comprehensive security awareness training programs, fostering a culture of cybersecurity consciousness among employees and stakeholders.

Data Engineering Intern   Jan '23 — Apr '23
Poolular   Montville, United States
- Spearheaded the development of mobile applications utilizing Flutter and leveraging Python for backend scripting, ensuring seamless deployment alongside the application. Proficient in harnessing Flutter's widgets and components to craft responsive.
- Demonstrated expertise in effectively utilizing AWS datastore services to meticulously architect intricate data models and establish seamless connections between frontend Flutter pages and robust backend systems through AWS Amplify integration.

Data Analyst   Feb '21 — Apr '21
Matrix Solutions   Kuwait
- Managed multiple data migration tasks during a system upgrade, prioritizing tasks and coordinating with team members to complete the upgrade on schedule while maintaining data integrity.

- Identified and resolved data inconsistencies by performing detailed analysis and implementing corrective measures, ensuring accurate post-migration financial data.
- Implemented security protocols and conducted regular audits to ensure data confidentiality and compliance, earning client trust.
- Developed and maintained SQL queries and procedures for data analysis and reporting. Analyzed business requirements and translated them into technical specifications.
- Created dashboards and reports to provide actionable insights for business users in retail banking.
- Collaborated with cross-functional teams to understand data needs and deliver solutions.

Data Analyst   Jun '18 — Apr '19
Kuwait Application Service Provider   Kuwait
- Conducted regular risk assessments and audits, achieving a 95% success rate in identifying vulnerabilities and threats to data security infrastructure and systems.
- Engaged in collaborative efforts to develop sophisticated BI solutions, resulting in a 90% success rate in the creation and refinement of reports utilizing the Central Management Console (CMC). Provided comprehensive training, leading to a 95% adoption rate of SAP BI tools and functionalities among end-users.
- Spearheaded a Flex data migration project for Ahli United Bank, achieving a 100% success rate in the seamless transition of objects from development to production environments. Managed scheduling & testing of publications in the production environment.
- Provided comprehensive training and support to end-users on SAP BI tools and functionalities, resulting in a 95% smooth adoption and utilization of Business Intelligence solutions across the organization.
- Implemented data governance measures, resulting in a 90% reduction in data security incidents following the risk assessments.
- Led a data quality improvement initiative, resulting in an 85% decrease in data errors and inconsistencies within BI reports and systems, enhancing decision-making accuracy.

IT Analyst   Dec '17 — May '18
Burgan Bank   Kuwait
- Ensured compliance with data privacy regulations and standards by implementing privacy controls, conducting privacy impact assessments, and facilitating data subject access requests (DSARs).
- Developed dynamic dashboards using SAP Lumira, crafting queries in Oracle SQL Developer to extract and manipulate data. Created Web Intelligence reports for retail banking, enhancing decision-making.
- Implemented dashboards and reports with SAP Lumira and Oracle SQL Developer, visualizing KPIs for retail banking. Designed Web Intelligence reports, improving data-driven decisions and efficiency.
- Identified process improvement areas in retail banking using data analysis tools. Conducted root cause analysis on account discrepancies and trained stakeholders on data analytics tools.
- Analyzed datasets for compliance with GDPR and local banking standards. Conducted data privacy impact assessments, recommending risk mitigation strategies and implementing privacy controls.

EDUCATION

Masters in Computer Science, Stevens Institute of Technology

Aug '21 — May '23
Hoboken, United States

- *Relevant coursework :* Knowledge Data and Discovery ; Artificial Intelligence; Database Management Systems.