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|  | **ISHANG MEHRA**  **Manager**  Dynamic and results driven professional with proven expertise in driving organizational value through advanced data analytics and engineering solutions; seeking challenging opportunities in Data Analytics within a reputable organization. | |
| **CONTACT**   |  |  | | --- | --- | |  | ishangmehra93@gmail.com | |  | +91 9599755478 |   **CORE COMPETENCIES**   * Data Analytics * Data Engineering * Statistical Analysis * Data Cleansing * Computational Complexity * Business Intelligence (BI)   **SOFT SKILLS**   * Change Agent * Collaborator * Communicator * Innovator * Planner * Thinker   **EDUCATION**   * **2012-2016: B.Tech. (EEE)**   From Northern India Engineering College, GGSIP University, New Delhi.  **TECHNICAL SKILLS**   * **Programming Languages**: Python, Spark SQL, PySpark, T-SQL. * **Database Management**:   AWS, Fabric, MS SQL Server, Hive.   * **Project Management Tools**: Google Packages, MS-Office, Excel, Jira, Confluence, Power Point Presentation. * **Visualization & Dashboards**: Tableau Desktop, Power BI   **CERTIFICATIONS**   * AICPCU – 2018, **Introduction to Risk Management & Insurance (RMI 315-H)** * Coursera - Affiliated from University of Michigan – 2020, **Python for everybody** * Udemy – 2020, **Tableau 2020 A-Z** * Udemy -2025 **Microsoft Fabric**   **INTERNSHIP**  **2015: Airport Authority of India, New Delhi –** InAir Traffic Control Department (ATC).  **PERSONAL DETAILS**  **Date of Birth**: 23.11.1993  **Languages Known**: English & Hindi  **Address**: H. No. 374, Srinagar, Street No. 2, New Delhi - 110034 | | **PROFILE SUMMARY**   * Results Driven professional offering **9 years** of organizational experience in the field of **Business/Data Analytics and Data Engineering.** * Rendered initiative-taking assistance in the definition of **Analytics Roadmap & development of Analytics COEs / KPOs for the clients; lead Descriptive, Diagnostic, Predictive, Prescriptive Analytics, solution development** using Advanced Analytics & AI/ML techniques on Big Data Stack by leading the team of professionals. * Defined service standards and guidelines for **smooth delivery of end-to-end projects** while evaluating **risks, costs, resource requirements & schedules** and submitting delivery opinions. * **Extended strategic insights to business stakeholders** to drive actions resulting in revenue enablement, cost optimization, cash flow release & process improvement; **hands-on experience in advanced analytical practices** such as predictive analysis, attribution modelling and customer profiling. * **Supported majorly in the development of innovative business solutions** to improve product performance and reduce costs by leveraging combination of domain knowledge, Data Science & Data Engineering skills. * Comprehensive Documentation Created Detailed Confluence pages covering **project scope, architecture, workflows, and automation processes** for easy reference. * Integration with Jira: Linked Confluence documentation with **Jira tickets**, ensuring traceability of project tasks, issues, and enhancements.   **WORK EXPERIENCE**  **Since 2022: EXL Service, Delhi as Manager**  **Insurance Project**  **Responsibilities:**   * Architected and implemented domain-specific Data Marts in SQL Server for Client Insurance’s Dental, Life, and Disability verticals, leveraging modular, parameter-driven SQL scripts to automate schema generation and view orchestration. * Designed and deployed serverless **ETL pipelines using AWS Glue**, facilitating high-performance data ingestion and transformation from Amazon S3 to SQL Server, ensuring data integrity and SLA compliance. * Engineered dynamic metadata-driven SQL frameworks to auto-generate Data Mart layers and reusable views, drastically reducing development time and enabling agile schema evolution. * Spearheaded the client’s modernization to Microsoft Fabric, including end-to-end setup of OneLake Gen2 Data Lakes, Lakehouse Warehouses, and Fabric Workspaces, aligned with industry-standard **medallion architecture (Bronze, Silver, Gold)**. * Migrated legacy SSMS-based data assets to **Fabric using Spark SQL and PySpark**, re-implementing dynamic procedures and transformation logic to support scalable, distributed processing. * Built robust data engineering pipelines within Fabric for data ingestion, transformation, and aggregation**, integrating Dataflows Gen2,** notebooks, and pipeline orchestration for a unified and automated solution. * Established secure, role-based **Fabric Workspace governance**, enabling cross-functional access to curated data sets while adhering to data privacy and compliance requirements. * Performed comprehensive end-to-end testing, validation, and reconciliation across all layers to ensure accuracy, completeness, and traceability, delivering a fully automated, production-grade data platform as a single-source-of-truth for the client. * Maintained comprehensive technical **documentation on Confluence**, capturing ETL designs, data pipeline architectures, migration strategies, and validation steps to ensure transparency, knowledge sharing, and long-term maintainability across teams. * Worked in a fully **Agile environment**, actively participating in daily stand-ups, sprint planning, backlog grooming, and RDU structure meetings; updated tasks and user **stories daily** in JIRA to reflect progress, blockers, and sprint goals within a 3-week sprint cadence.   **Key Technologies: Microsoft Fabric, SSMS, PySpark, Spark SQL, Python, Tableau, AWS Glue, Power BI, Jira, Confluence.**  **Insurance Project**  **Responsibilities:**   * Analyzing functional and system requirements to devise a product roadmap for North America Casualty Reinsurance, covering Historical Premium, Losses Triangle, Large Losses, and Cyber Reinsurance for our client. * Successfully delivering end-to-end automation project for North America Casualty business and Historical Premium, Losses Triangle, Large Losses, and Cyber Reinsurance by comprehensively understanding the process, data flow, and logic using legacy technology * Developing stored procedures and ETL jobs on MS SQL Server, ensuring smooth data processing and validation. * Translating business requirements into technical specifications, analyzing key KPIs and data sources. * Creating BI visualizations, components design, data source creation, and naming to showcase data and related entities. * Engaging with clients to assess existing ASS Data Platforms, identifying pain points, and proposing optimal BI and Data Analytics solutions through GAP Analysis. * Designing and implementing Business Intelligence solutions utilizing modern tools like Power BI, Tableau, Alteryx, Python, and SQL/No-SQL databases.   **PREVIOUS EXPERIENCE**  **Nov’2021-Mar’2022: RMS (A Moody's Analytics Co.), Noida as Technical Specialist**  **Nov’2016- Nov’2020: Risk Management Solutions, Noida**  **Growth Path:**  Nov’2016 - Nov’2018**: Risk Analyst**  Nov’2018 - Nov’2020**: Senior Risk Analyst**  Nov’2020 - Mar’2022**: Technical Specialist**  **Responsibilities:**   * Lead industry exposure analysis, tapping niche markets and consulting with Lloyd's Syndicate underwriters for premium and loss estimates. * Manage and train new hires in MS SQL, Tableau, Excel, re-insurance concepts, and catastrophic modeling. * Enhanced client's underwriting practices by over 50%, focusing on risk selection, capacity management, and catastrophe-driven insights. * Utilize Tableau for worldwide probable maximum loss due to major hurricanes and earthquakes, executing ETL via data pipelines. * Create optimized Tableau dashboards for loss estimates, offering key metrics to senior management for data-driven decisions. * Leverage Atlassian Tools (JIRA) for issue tracking and task management, ensuring team collaboration and efficient project completion. * Develop and maintain portfolio reporting using MS SQL, Excel, and Tableau on a monthly and quarterly basis.   **NOTABLE ACCOMPLISHMENTS ACROSS THE CAREER**   * Recognized with an **'Excellence & Star Award' at EXL Service, Gurgaon 2024** for exceptional support and high-standard delivery. * Achieved **'Best Team Award in Analytical Services'** **at** **EXL Service, Gurgaon 2023** for team setup and delivering client reports ahead of proposed timeline. * Recipient of **'Excellence & Star Award' at Risk Management Solutions, Noida 2021** for exceptional support, high-standard delivery, and outstanding performance, * Honored with **'Reward & Recognition Award' at Risk Management Solutions, Noida 2019** for exceptional leadership and excellence. * Two-time recipient of **'Bravo Award' at Risk Management Solutions, Noida 2018** for leading teams and achieving excellence. |