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| **Mobile:** +91-7829833816  **E-Mail:** neethu.siva@gmail.com  **Address:** Bangalore, Karnataka  **AREAS OF EXPERTISE**  Data Engineering  Microservices  Data Lakes  Delta Lakes  Data Pipelines  Data Modelling  Data Integration  Big Data Reports  Data Warehouse  Data Marts  Data Visualization  Data Governance  Data Architecture  Agile Development  **TECHNICAL STRENGTHS**   * ETL (Extract, Transform, Load) * Python * Spark * SQL * Databricks * Amazon Web Services (AWS) * AWS Redshift * S3 (Amazon Simple Storage Service) * AWS Athena * Hadoop * Apache Hive * Sqoop * Airflow * Kafka * Oracle * Postgres * Unify Reporting Tool * Technical Support * API   **PROFESSIONAL ACCOLADES**   * Innovation -4i Values, Thermofisher Scientific * Lead the way Awards, Harman Connected Services * Best Performer, Harman Connected Services   **CERTIFICATION**   * Academy Accreditation - Databricks Lakehouse Fundamentals * Masters in Bigdata by Trendytech   **EDUCATION**   * Bachelor of Technology in Computer Science and Engineering, Calicut University, Kerala. * Diploma in Computer Engineering, Maharaja’s Technological Institute, Thrissur. Kerala   **SEMINARS ATTENDED**   * Dataops Observability Conference by Unravel Data   **TECHNICAL SKILLS**   * Languages: Python, SQL, Shell Scripting * BigData: Spark, Databricks, Hive, Sqoop * Streaming: Kafka * Cloud: AWS (S3, Athena, Redshift) * Workflow Management: Airflow, Kafka * Version Control: Git, SVN * Database: Oracle, Postgres * Visualization: Unify | NEETHU SIVARAJ ADIYOLI  **Data Engineer: Lead Data Engineering | Project Management | Director | Technical Architect Data Engineering | Communication & Management | Problem-Solving**  **PROFILE SUMMARY**  Highly skilled and self-motivated Data Engineer with a strong background in designing, building, and maintaining robust data pipelines and data infrastructure. Proficient in ETL (Extract, Transform, Load) processes, SQL, Python, and big data technologies like Spark and Databricks. Experienced in creating scalable and efficient data solutions that support data-driven decision-making and business intelligence needs. Adept at collaborating with cross-functional teams and stakeholders to understand data requirements and deliver innovative data solutions. Knowledgeable in cloud platforms such as AWS and Azure, with a proven track record in implementing data governance and security measures. Passionate about exploring emerging data technologies and continuously improving data engineering processes for optimal performance and data quality. Committed to delivering high-quality data solutions that drive business success and add value to the organization.  **CORE COMPETENCIES**  **Data Engineering:**   * Designing and building data pipelines to extract, transform, and load (ETL) data from various sources into data warehouses or data lakes. * Developing and maintaining data infrastructure, including databases and data storage systems. Implementing data models and data schemas to support data analysis and reporting needs. * Writing and optimizing SQL queries for data retrieval and manipulation. Collaborating with data scientists and analysts to understand data requirements and ensure data availability and quality.   **Technical Architecture**   * Playing a key role in designing and architecting the overall data ecosystem, including data storage, processing, and analytics components. * Defining data architecture principles, patterns, and standards for the organization. Evaluating and selecting data technologies and frameworks to meet specific business needs. * Leading the design and implementation of highly scalable and reliable data platforms. Providing technical guidance and mentoring to data engineering teams and other stakeholders.   **WORK EXPERIENCE**  **Thermofisher Scientific, Bangalore Feb 2022 - Current**  **Data Engineer 3 (Lead Data Engineer)**   * Lead and mentor a team of data engineers, prioritizing work and assigning tasks using agile methodologies. * Collaborate with business stakeholders to gather requirements and resolve issues, ensuring data solutions meet business needs. * Work closely with senior architects to design and create architectural diagrams for data solutions. * Responsible for production deployments and cloud operations, creating policies, and managing user access. * Achieved the Innovation Award for implementing cost optimization measures. * Recognized with the Best Integrity, Engagement, and Consistency Award based on feedback from stakeholders.   **Harman Connected Services (previously Symphony Teleca), Bangalore**  **Senior Engineer | Sep 2014 – Feb 2022**  **Software Engineer | Aug 2011 – Oct 2013**   * Led and mentored a team of engineers, managing tasks and tracking progress using agile methodologies. * Collaborated with business stakeholders to address issues and gather requirements, ensuring seamless project delivery. * Worked closely with senior architects to design and develop solutions, focusing on new developments, issue fixing, and enhancements. * Coordinated with cross-functional teams to ensure smooth project execution. * Provided demos and training to clients and junior team members, ensuring a comprehensive understanding of data solutions. * Recognized with Half-Yearly Best Performer Awards and the Best Employee Award from clients.   **Clarity Information Technologies, Bangalore Jun 2010 – Aug 2011**  **Software Engineer**   * Served as an individual contributor in a start-up company, working on VBA, .NET, and SQL projects. * Developed automation solutions for the banking domain, including web crawling tasks. * Visited client sites to gather requirements and prepared designs for development. * Led the development, documentation, and product demos for clients. * Provided support and maintenance for developed products/tools. * Fast-tracked to a leadership role based on exceptional performance and self-reliance   **PROJECTS HANDLED**  **Title: eBusiness Solution – 360 Data**  Role: Lead Data Engineer  Client: Thermofisher Scientific Ecommerce Team  Duration: Ongoing project (working from Feb 2022)  Technologies Used: Databricks, Deltalake Concepts, Python, SQL, pyspark  AWS Services: S3, EC2, AWS Athena, AWS Redshift  Analysis/Reporting: PowerBI  Scheduler: Airflow and Databricks Workflows  **Title: Frequent Shopper Program**  Role: Senior Data Engineer  Client: IRI - UK/Italy  Duration: 2018 to 2022  Technologies: Python, Shell Scripting, Hadoop, Pyspark, Hive, Sqoop, HDFS, MonetDB, Oracle  Analysis/Reporting: Unify (Similar to Power BI, a proprietary tool)  Scheduler: Control-M, Cron-tab Scheduler  **Title: Conad Disaster Recovery System**  Role: Senior Data Engineer  Client: IRI - Italy  Duration: 2021 to 2022  Technologies: Azure Blob Storage, Azure Virtual Machines, Python, Shell Scripting, Hadoop, Pyspark, Hive, Sqoop, HDFS, MonetDB, Oracle  Analysis/Reporting: Unify (Similar to Power BI, a proprietary tool)  Scheduler: Control-M, Cron-tab Scheduler |