Naga Sai Teja Parasa

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Summary — As a highly motivated professional with over one and a half years of valuable experience at NTT DATA, I am eager to further enhance my knowledge, skills, and expertise in the field of Computer Science. My time at NTT DATA has equipped me with a robust foundation in technology solutions and a proven record of success in driving projects to completion. I possess strong analytical and problem-solving skills, complemented by my ability to collaborate effectively with cross-functional teams. I am passionate about leveraging my hands-on experience to excel in an academic setting, where I aim to deepen my understanding of advanced concepts and emerging technologies. My goal is to make meaningful contributions to the field, fostering innovation and driving positive change through technology. I am particularly interested in exploring areas such as data integration, cloud computing, and data analytics, where I believe I can make a significant impact.

Technical Skills

– **Languages:** Python, SQL, Scala, KornShell, JavaScript, BASIC, JSON , Dell Boomi

– **Technologies:** Apache Spark, Hadoop, AWS (EC2, S3, Lambda), Apache Ignite, NoSQL

– **Data Tools:** MySQL, SQL Server, Data Lake, Data Warehousing, ETL, Data Processing, Scripting

– **Visualization:** Tableau, Power BI, AWS QuickSight, Data Visualization Software

– **Skills:** Data Processing, Technical Architecture, Application Architecture, Deployment, Development, Growth, Infrastructure, Problem Solving, Troubleshooting, Tuning, Work Collaboratively, Writing

Experience

NTT DATA, Hyderabad, India

Info Technology Senior Associate   July 2022 – December 2023

– Proficient in managing and administering SQL databases, ensuring optimal functionality, security, and performance through regular maintenance, monitoring, and tuning. Demonstrated ability to design efficient database schemas and implement best practices for data governance.

– Skilled in constructing Boomi interfaces to seamlessly integrate and streamline data flow across diverse systems, enhancing operational efficiency and enabling real-time data synchronization. Experience in developing complex workflows that facilitate data transformation and automation.

– Adept at preparing daily reports with clear and concise presentation of pertinent information for informed decision-making at all organizational levels. Utilizes data visualization techniques to enhance report clarity and impact.

– Proven ability to resolve tickets efficiently and accurately, demonstrating a commitment to quality service and customer satisfaction. Employs strong problem-solving skills to identify issues and implement effective solutions in a timely manner.

– Possess expertise in data rectification, ensuring data integrity and accuracy through meticulous error identification and correction. Experienced in conducting thorough data audits and implementing corrective actions to maintain high data quality standards.

Education

Master of Science in Computer Science

University of South Dakota, SD   Jan 2024 - Dec 2025

– **Bachelor of Technology in Electronics and Communication Engineering**

Jawaharlal Nehru Technological University, Kakinada, India   June 2018 - June 2022

– **Relevant Coursework:**

– Distributed Systems: Explored the design and implementation of distributed architectures, focusing on communication protocols, fault tolerance, and scalability to support large-scale applications.

– Data Warehousing: Studied the principles of data warehousing, including the design of data models, ETL processes, and strategies for data integration, enabling efficient querying and reporting.

– Technical Architecture: Gained insights into the architecture of complex systems, analyzing various design patterns, frameworks, and methodologies to create robust and scalable solutions.

- Big Data: Delved into the technologies and tools used for handling vast amounts of data, including Hadoop, Spark, and NoSQL databases, emphasizing techniques for storage, processing, and analysis.

- Data Processing: Learned advanced data processing techniques, including batch and stream processing, and the use of frameworks such as Apache Kafka and Apache Flink for real-time data handling.

- Data Visualization: Acquired skills in visualizing data through various tools and techniques, focusing on best practices for presenting data insights effectively to drive informed decision-making.

- ETL Development: Developed a strong foundation in Extract, Transform, Load (ETL) processes, learning to design and implement data pipelines that ensure accurate and timely data availability.

- Machine Learning: Gained theoretical and practical knowledge in machine learning algorithms, model evaluation, and application of predictive analytics to derive insights from data.

Projects

Health Analytics Dashboard for AvMed Insurance   **Aug 2022 - Dec 2022**
- Developed a Power BI dashboard to monitor health trends and program effectiveness for AvMed members.
- Integrated data from EHR systems and claims platforms using Dell Boomi for real-time insights.
- Analyzed key health metrics to identify areas for improvement in member care and engagement, leading to data-driven decision-making.

Claims Processing and Customer Insights Dashboard for AvMed Insurance   **Jan 2023 - Aug 2023**
- Developed a Power BI dashboard to visualize key claims processing metrics and customer insights, facilitating better decision-making.
- Integrated data from claims management and CRM systems using Dell Boomi, ensuring real-time data availability for stakeholders
- Resolved bugs reported in the bug tracking system, enhancing the dashboard's functionality and user experience.
- Conducted testing and troubleshooting of integrations, addressing any issues and optimizing performance for real-time data availability.

Integration and Automation Project Using Dell Boomi   **Aug 2023 - Dec 2023**
- Implemented an integration solution using Dell Boomi to streamline data flow between multiple systems, enhancing operational efficiency.
- Designed and developed integration workflows to connect various platforms, including CRM, ERP, and EHR systems, ensuring seamless data exchange.
- Collaborated with cross-functional teams to gather requirements and ensure the integration met business needs and compliance standards.

Certifications

- Data Engineer-Oracle

- Associate Developer certification in Boomiverse

- DWH Concepts and Microsoft HTML5.

- Dell Boomi Professional Developer Certification

- AWS Certified Cloud Practitioner