**Nityanand Madpathi**

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**SUMMARY**

* Accomplished Business Analyst with over 3 years of experience in data analysis, data engineering, AI, ML and Cloud.
* Demonstrated expertise in leveraging data to drive business growth, improve operational efficiency, and optimize resource allocation.
* Skilled in SQL, Python, Excel, Tableau, Power BI, AWS, Azure, and GCP.
* Proficient in developing comprehensive dashboards, predictive models, and data warehousing solutions.
* Adept at agile methodologies, collaborating with cross-functional teams and stakeholders to implement data-driven strategies that enhance organizational performance.

**Skills**

* Python, SQL, R, Java, Tableau, Power BI, Excel, Google Sheets, AWS, GCP, Azure, Artificial Intelligence, Machine Learning, A/B Testing, Data Warehousing and Modeling

**Work ExperiencE**

**GREAT LEARNING – Hyderabad, India October 2021 – June 2022**

**Business Analyst**

* Developed user engagement metrics and created comprehensive dashboards on Tableau and Metabase, aiding stakeholders in making high-level, data-driven decisions.
* Analyzed user demographics and purchasing behaviors to identify trends, resulting in a 65% increase in course sales.
* Collaborated with VPs and product managers to design and implement strategic KPIs, improving alignment and driving organizational growth.
* Utilized SQL and Python to provide data for targeted marketing efforts, boosting lead generation and user engagement by 50%.
* Designed and executed capacity planning models, optimizing resource allocation and operational efficiency through predictive analytics.
* Facilitated cross-functional team collaboration in Marketing, Sales, Product, and Operations, enabling them to surpass growth targets through timely analyses.

**CAPGEMINI – Bengaluru, India**  **May 2019 – October 2021**

**Data Engineer**

* Evaluated financial data to identify trends in top selling banking and retail products, enhancing financial forecasting accuracy by 20%.
* Created advanced reporting using Power BI, and Excel (pivot tables, power pivot, macros, and array functions), streamlining data analysis processes.
* Designed and implemented data warehousing solutions using Amazon Redshift to consolidate financial data, enabling in-depth analysis and reporting.
* Developed data pipelines to support analytics and reporting, ensuring timely and accurate data availability. Provided insights from customer feedback, increasing retention rates by 10%.
* Implemented statistical models to score sales leads and assess user quality, increasing sales efficiency by 45% and aiding in a 40% cost reduction.
* Developed ETL pipelines using Python and AWS Glue, improving data accessibility and efficiency by 35%.
* Leveraged Amazon EMR for big data processing, improving data processing capabilities by 25%.

**Education**

**Wichita State University, Kansas** **August 2022 - May 2024**

Master of Science in Computer Science, **GPA: 4.0**

**CVR College of Engineering, Hyderabad, India** **August 2015 - April 2019**  
Bachelor of Engineering in Computer Science, **GPA: 3.62**

**CERTIFICATIONS**

AWS Certified Developer, Google Data Analytics, Microsoft Azure az-900, Python