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Education

DePaul University - College of Computing and Digital Media   **Aug 2025 – Aug 2027**
Master's in Artificial Intelligence   *Chicago, Illinois*

SRM Institute of Science and Technology   **July 2019 – Jun 2023**
Bachelor of Technology in Electronics and Communication ; CGPA:9.10   *Chennai, Tamil Nadu*

Skills

○ **Technical**: SQL, AWS, Business Intelligence, Python , Machine Learning, NLP , Gen AI and RAG
○ **Tools**: MicroStrategy, Power BI, Snowflake, Aws Bedrock , Crew AI, Llama Index and Jupyter Notebook

Experience

Sciera   **Jan 2024 – Jun 2025**
AI Engineer / Software Engineer   *Chennai , Tamil Nadu*

∗ Collaborated directly with stakeholders at USCC to engineer a cutting-edge generative AI model capable of handling complex inquiries, resulting in enhanced response accuracy while saving approximately five days each month on reviews.
∗ Executed over 10 virtual machines on Amazon Web Services to optimize data processing workflows, resulting in a significant reduction of task completion time by approximately five hours per week for the entire team.
∗ Effectively used Snowflake to aggregate OLTP data and streamline ETL tasks.

Infocepts   **Feb 2023 – Sep 2023**
Assistant Associate   *Nagpur, Maharashtra*

∗ Developed and deployed a dashboard for a client at Nielsen IQ, enhancing their data visualization and analytics capabilities.
∗ Quickly adapted to Snowflake for maintaining our data warehouse, streamlining operations and ensuring data integrity.
∗ Efficiently leveraged Snowflake to maintain our data warehouse and ensure accurate data validation processes.

High Radius   **Jan 2022 – April 2022**
Product and Engineering Internship   *Remote*

∗ Obtained foundational understanding of machine learning techniques.
∗ Collaborated with internal team to build a payment date prediction model for internal stack holders.

Projects

1.Adventure Works Sales Analysis Dashboard | *Power BI*   **August 2023**

∗ Created an interactive sales dashboard for Adventure Works, featuring sections for sales overview, sub-category analysis, and product insights. Through effective data visualization, I enhanced clarity and empowered stakeholders for informed decision-making.

2.Gen AI Powered Chatbot | *RAG*   **June 2023**

∗ Divided a large document into smaller chunks, embedded them, and stored them in a vector database to create an AI chatbot that utilizes external sources (RAG).

3.Energy Consumption and Demand Prediction | *Machine Learning*   **November 2022**

∗ Collected, cleaned, and pre-processed energy consumption data and conducted exploratory data analysis for modeling decisions.
∗ Employed advanced machine learning techniques to create accurate energy demand models and forecasted energy consumption proactively.

Certifications

Microsoft Certified - Azure Fundamentals   Microsoft
Mar, 2025

AWS Certified Solutions Architect   AWS
Feb, 2025

AWS Certified AI Practitioner Early Adopter   AWS
Oct ,2024

AWS Certified AI Practitioner   AWS
Oct, 2024

DBT Fundamentals   DBT
Jun ,2024

AWS Certified Cloud Practitioner   AWS
February ,2024

Microsoft Certified Power BI Data Analyst Associate (PL-300)   Microsoft
August, 2023