

## RAMAN RAJ TINGIRKAR

<https://www.linkedin.com/in/raman-raj-tingirkar/>

5151 Highland Rd, Baton Rouge, Louisiana - 70808 || 940-843-5226 || ramanraj21797@gmail.com

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### OBJECTIVE

Motivated computer science graduate with corporate software engineering experience seeking to apply advanced skills and knowledge gained through a master's degree to drive innovation and contribute effectively to cutting-edge projects.

### EDUCATION

#### Master of Science, Computer Science

May 2024

Southern University and A&M College

#### Relevant Coursework

Data Visualization for Analytics

Programming Languages

Enterprise Data Warehousing

Database Systems

Information Systems Development

Operating Systems

#### Bachelor of Engineering, Electronics and Communication

May 2019

MVSR Engineering College - Osmania University, India

### SKILLS

**Reporting Tools:** Tableau, Power BI, QlikView

**Databases:** MS-SQL, MongoDB, Oracle, MySQL

**Web Technology:** HTML, CSS, JavaScript, XML, JSON

**UML Diagrams:** MS Visio, draw.io

**Cloud Technology:** Azure, AWS

**Programming Languages:** Python, Apache Spark

**Tools:** ServiceNow, Excel, SAS

### WORK EXPERIENCE

#### Application Development Analyst – Accenture, India

Aug 2019 – Aug 2022

- Developed and maintained self-service analytics solutions to empower stakeholders to derive actionable insights from data.
- Leveraged SQL, Python, and Power BI to extract, manipulate, and visualize data, enabling more efficient analysis and reporting processes.
- Optimized workloads by resolving SQL issues of index fragmentation and increased application performance by 15%.
- Led cross-functional projects to address specific business challenges, applying a combination of analytical techniques, business acumen, and strategic thinking.
- Conducted comprehensive data analysis to support business decision-making across various departments, including sales, marketing, and operations.
- Developed and maintained reports and dashboards using tools such as Power BI and Excel, providing actionable insights to key stakeholders.
- Conducted data validation and cleansing activities to ensure the accuracy and integrity of analytical datasets.
- Presented analysis findings and recommendations to senior management, enabling data-driven decision-making and driving business outcomes.
- Migrated on-premise applications to Azure successfully, resulting in savings of \$50,000/year on maintenance and patching cost.
- Monitored a client's deep water assets via web applications hosted in Azure. Developed, maintained and deployed the Continuous Integration and Development (CI/CD) pipeline in Azure DevOps Release Manager.

### ACADEMIC PROJECTS

#### Retail Analytics and Insights: Optimizing Sales Performance

The objective of this academic project was to analyze sales data and consumer behavior patterns for various stakeholders, with the aim of providing actionable insights to optimize sales performance and drive business growth for both the retailers and stakeholders.

- Acquired transactional data including sales data, product information, and customer demographics.
- Conducted data cleaning and preprocessing to address missing values, outliers, and inconsistencies in the dataset.
- Identified key performance indicators (KPIs) such as sales growth, market share, and customer segmentation by using descriptive analysis.
- Utilized regression analysis, time series forecasting, and machine learning algorithms to predict future sales trends.
- Created interactive dashboards and visualizations using tools such as Power BI and Tableau to communicate insights effectively.

### CERTIFACTES & AWARDS

**Certified** Solution Architect Associate – AWS

**Led** and **organized** Robotic events in collaboration with leading Indian Universities like IIT – Kharagpur.

**Won** 1<sup>st</sup> prize in Singing competition at Accenture and **Felicited** by Indian National Army for performing with their non-profit organization.