ASHISH GUPTA

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EDUCATION

The University of Texas at Dallas, USA   May 2021
Master of Science, **Information Technology and Management**   **GPA 3.50**
Coursework: Statistics & Data Analysis, Big Data Analytics, Applied Machine Learning, Programming for Data Science, Business Analytics with R, Object Oriented Programming (OOP)

Rajiv Gandhi Technical University, India   May 2017
Bachelor of Engineering, **Information Technology**
Coursework: Data Mining and Warehousing, Database Management, Cloud Computing, Data Structures & Algorithms

TECHNICAL SKILLS

Languages	:	SQL, Python, R, C++, Java, JavaScript
Data Analytics	:	Advanced VBA Macros, Tableau, PowerBI, PowerPivot, SSIS, Informatica
Database Systems	:	MySQL, PostgreSQL, MS SQL Server, MS Access, MongoDB, SAP HANA
Other Tools	:	Git, GitHub, MS Project, Google Analytics, Jupyter Notebook, RStudio, AWS, MS Office
Big Data Ecosystems	:	Hive, Impala, Sqoop, Pig, HDFS, Flume, YARN

BUSINESS EXPERIENCE

Amazon.com, Inc., Hyderabad, TS   November 2017 – December 2018
Data Analyst-Associate

- Created SSIS packages to **ETL** data within multiple **RDBMS** platforms like ORACLE and SQL Server.
- Used **Python** to clean, impute and transform data from semi structured form to structured form and thereby saving 35% delivery time.
- Developed interactive **dashboards** and **stories** on Various **KPI's** using Tableau and presented in weekly meetings increasing efficiency by 20%.
- Performed **Data Validation** and Analyzed the data using Pivot Tables, functions like VLOOKUP, CONCAT, etc.

ACADEMIC PROJECT

Truck Fleet Risk Factor Analysis | Hadoop, Sqoop, Hive, Shell, Tableau

- Created process flow in Hadoop ecosystem to calculate risk factors using Shell script. Then imported, created, and loaded truck fleet data into Hive tables.
- Calculated risk factor depending on mileage and speed to identify risky drivers in California and Created interactive dashboards through Tableau that pinpoints dangerous commercial truck drivers.

Cryptocurrency Data Analysis | Python- Matplotlib, Pandas, NumPy, Tableau

- Performed Data Analysis on Digital Coins like Dogecoin (DOGE), Ethereum (ETH), BTC(Bitcoin) and LTC(Litecoin) and discovered the trend and patterns over the last year and visualized it through graphical plots and found the returns on initial investment as high as 5233%.

Library Management System | MySQL, JavaScript, HTML/CSS

- Developed a Web Application that performs basic CRUD operations to update and store data which consists of Admin and Student module and features include lending, borrowing, availability etc.
- Designed Database schema enforcing Normalization, created tables, and created ER Diagrams to model the database.

Capstone Project – Front End Development
Full Stack Capstone Project

- Developed Calculator application that consisted of 12 standalone Calculators for chemical calculation project using Angular 10, Material Design, TypeScript, CSS, HTML to perform calculations that were previously done using MS Excel.
- Developed the Project Charter and Designed Wireframes to gather and analyze business requirements.
- Used GitHub to collaboratively work on the Project Development and testing and deployed the application on GitHub pages.

HR Analytics BI Dashboard | Tableau

- Created various KPI's, Calculated fields for HR dataset and used charts to highlight attrition rate in various departments with respect to various factors such as income, age, working years, etc.
- Created an interactive Dashboard using Tableau to highlight departments with high attrition rate and compared different KPI's and charts which might be helpful in finding patterns from attrition perspective.