

# DEEPTHI REDDY

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## Professional Summary

LinkedIn Objective Data Analyst with 3+ years of experience in the IT industry on. Visualization, Data Extraction for Machine learning Applications, SQL, Python, Tableau. I optimize and enhance reporting systems using Power BI, improving efficiency and data analysis accuracy. I am passionate about leveraging data to drive business growth and innovation, and I value learning new skills and technologies to enhance my data analysis capabilities. Having Good experience on application support for multiple applications runs on various

## Skills

- **Programming Languages:** Java, JavaScript, C, Python, R, Object-Oriented Programming (OOP), Visual basic.
- **Web Technologies:** HTML, XML, CSS, Databricks
- **Databases and Frameworks:** Microsoft SQL Server Management Studio, MySQL, PL/SQL, Oracle 10G/11i, GitHub.
- **Debugging Environment:** Microsoft Visual Studio 2019
- **IDE:** Visual Studio Code, SQL Server Management Studio, Notepad++, Power BI, Tableau, Google Cloud Platform
- **Cloud Technologies:** Aws, Azure, Snowflake, Data pipelines.
- **Methodologies:** Agile Methodology
- **Version Control System:** Git, Team Foundation Server (TFS), JIRA
- **Tools:** Tableau, Power BI, Load Runner.

## Work History

**BI Engineer** 04/2023 to Present

**Client Shark Analytics** – Columbus, OH.

- Engineered robust backend solutions with Python and MySQL, optimizing data processing workflows and increasing the processing speed of transactions by 25%.
- Pioneered the development of **Ad-Hoc** reports to users in Tableau Desktop, handling transactions worth over \$100 million annually.
- Strong advanced Microsoft Excel, word, and powerpointskills
- Performed **ETL** (Extract, Transform, Load) Process. Retrieved data from multiple data sources and build data pipelines using Teradata or python.
- Designing **Synapse tables** and implementing data solutions within the **Azure** ecosystem.
- Led a team to migrate 150+ enterprise-level applications to AWS, resulting in a 20% reduction in operational costs and a 15% increase in performance.
- Developed **Dashboards** for key performance Indicators, which reduced the time to disseminate information to end-users by 70%.
- Enhanced service quality via a SAS-based advanced data model that identified by key factors affecting customer satisfaction.

**Data Analyst** 07/2021 to 01/2022

**Client Gieco** – Indianapolis

- Functioned as a **Python** Developer and **SQL** Developer, providing Support and delivering 15+ user interface screens that met project specifications and contributed to a 20% increase in application functionality.
- Contributed to the development of automated report generation, which reduced report generation time by 35% and increased the timely delivery of reports to end-users by 50%.
- Customized and deployed a cloud-based analytics platform for real-time data processing, boosting data accessibility by 40% for business analysts.
- Build a logistic **regression** model to Team Decide which Keywords to target, resulting in 15% lift in accuracy. Applied models and data to understand mad predict findings to stakeholders
- Improved software quality by conducting thorough code reviews, resulting in a 30% reduction in post-deployment bugs and a 40% increase in code efficiency.
- Collaborated with cross-functional teams to gather requirements and translate them into technical specifications, which improved project requirement accuracy by 40% and fostered a 15% improvement in cross-department communication.

**Executive Trainee** 01/2020 to 04/2021

**Sapplica**– Hyderabad, India

- Maintained comprehensive code documentation for over 50,000 lines of code, facilitating a 25% decrease in onboarding time for new developers and enhancing code maintainability. Conducted weekly code reviews for a team of 10 developers, resulting in a 20% improvement in code quality and a 15% reduction in bug incidence post-deployment.
- Streamlined data collection and reporting procedures, reducing processing time by 20% enhancing efficiency. Developed and managed large databases, effectively reducing data retrieval time by 40% and ensuring report availability with 99.8% uptime on designated servers.

## Projects

### MAPP|

- MAPP Application for West Syndrome Patients for recording, storing details regarding medicinal routines, Physical, Occupational therapies based on symptoms of patients. Mapp is a play store android application specially build for people suffering from west syndrome.

### Cloud based Storage System|

- Like Dropbox/ Google Drive. Focusses on core Functionalities like File Sync, Delta Sync, Sync Status, Error Handling using UDP protocol transferring data files in SMB block size. It allows multiple transfer of packets.

## Education

**Master of Science – MS:** Computer Science

**University of Texas at Arlington**-Arlington, TX

**Bachelor of Technology - BTech:** Computer Science

**Vardhaman college of Engineering** - Hyderabad, India

## Achievements

- Aws Fundamentals Going Cloud Naïve.
- Introduction to Generative AI from **Google**.
- Oracle cloud Data Management from **Oracle**.