# Mahesh Kolkuri

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## Professional Summary

Enthusiastic Business Intelligence professional with a Master's in Management Information Systems and a strong foundation in data analytics, mining, and visualization. Proficient in leveraging BI tools such as Power BI, Tableau, and SQL to extract and analyze insights from large datasets. Skilled in designing and implementing data-driven solutions to support informed business decisions. Effective communicator, capable of translating complex findings for both technical and non-technical stakeholders. Eager to contribute to high-quality projects and drive organizational success.

## Technical Skills

**Data Visualization**: Python, SAS, PowerBI, and Tableau, Microsoft Office (Excel, Word, and PowerPoint).
**Enterprise Solutions**: SAP ERP,SAP BW,SAP CAI,SAP S/4HANA,SAC.
**Databases**: MySQL.
**Web Technologies**: HTML, CSS,Xano.
**Developer Tools**: VS Code, GitHub.
**Customer Relationship Management (CRM)**: Salesforce Admin.

## Work Experience

### Freelance Site Supervisor
*Self-Employed / Various Clients*

- Managed construction projects from planning to completion.
- Supervised subcontractors and site personnel.
- Maintained quality control and safety standards.
- Monitored budgets and approved expenditures.
- Liaised with clients and stakeholders, providing regular updates.
- Completed the projects, achieving a **10%** reduction in average project costs and ensuring all projects met deadlines and quality standards.

### Customer Relationship Manager (CRM) - House construction
*Freelancer / Various Clients*

- Acted as the main liaison between clients and project teams, ensuring clear communication and timely responses
- Coordinated effectively to resolve issues and address client concerns promptly, fostering smooth project progress.
- Drafted, reviewed, and ensured compliance with contracts and proposals, aligning with client needs and project specifications.
- Implemented a client feedback system, driving a 20% increase in customer satisfaction scores within six months.
- Managed residential construction projects, achieving a **95%** client satisfaction rate, and negotiated contracts to increase project profitability by **15%**

## Projects

### Lamar University Project: IMPACT MODEL - Data Analytics.

- Identified key financial performance questions for pharmaceutical giants Johnson  Johnson and Pfizer**post-COVID-19** pandemic, focusing on net income, sales revenue, and segment-level performance from **2019-2023**.
- Extracted, cleaned, and refined financial data for Johnson  Johnson and Pfizer from 10k reports and SEC/Edgar website.
- Conducted data analysis using tools like pivot tables, pie charts, and revenue tree maps to visualize and compare revenue trends and net incomes between the two companies over the specified period.
- Communicated insights through comprehensive breakdowns of revenue contributions by segment and net income changes for Johnson  Johnson and Pfizer in 2023, highlighting post-pandemic financial resilience and challenges.
- Tracked outcomes by downloading and analyzing 10k data at year-end, updating charts and analysis for visual representation of sales revenue by segment.

### Lamar University Project: Username Password Generator with Error Checking and File IO - Python

- Developed error-handling logic using **'try'** and **'except'** blocks, providing descriptive error messages to enhance user experience and program reliability.

- Added input validation for first and last names to ensure only letters with a minimum length of two, and for birth year to ensure numeric input of exactly four digits, improving data integrity.

- Moved the password-building function to the main script and updated the password length validation to accept lengths between 6-10 or exactly 16 characters, showcasing code refactoring and optimization skills.

- Used JSON for reading and writing employee data to a text file ('employee_data.txt'), ensuring data persistence across multiple program runs and improving program functionality.

- Displayed personalized messages and detailed employee information, including username, today's date, and sorted username lists, demonstrating advanced user interface design and data presentation skills.

**Lamar University Project: Enterprise Data Warehouse - SAP BW/4HANA 2.0**

- Created aDSO for transactional data, loaded GB dataset, and built CompositeProvider for reporting in SAP BW/4HANA 2.0

- Learned advanced InfoObject creation, data loading, and virtualization layer setup using SAP BW Modeling Tools.

- Utilized Eclipse, SAP GUI, and BW/4HANA 2.0 for practical implementation.

- Achieved proficiency in Data Warehouse design and submission through effective utilization of provided tools.

- Demonstrated understanding of enterprise Data Warehouse concepts through hands-on exercise and submission process.

## Education

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| **Lamar University, Tx** | **2023 - 2024** |
| *Masters in Management Information systems* | *4.0/4.0 GPA* |
| **Geethanjali college of Engineering and Technology** | **2018 - 2022** |
| *B.Tech in Electronics and communication engineering* | *7.80/10 CGPA* |

## Honours and Awards

**Member of Beta Gamma Sigma (BGS) Honor Society**

- Got selected from Lamar University's top **20% of graduate students** who have successfully defended their dissertation at an AACSB-accredited business school, known for its highest standards of academic excellence.

## Achievements

- Graduated with a **4.0 GPA**, consistently ranked in the top **10%** of the class.

- Successfully completed the construction project achieving a **10%** reduction in average project costs while meeting all deadlines and maintaining high-quality standards.

- As a Customer Relationship Manager, facilitated clear and timely communication between clients and project teams, leading to a **100%** resolution rate for client issues and concerns within 24 hours.

- Identified and resolved a glitch in SAC assignment and received appreciation from the SAP team for effective problem-solving and collaboration.