

# SAFA FYROSE P A

Data Analyst ◇ Software Engineer

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## PROFESSIONAL SUMMARY

Results-driven **Data Analyst** and **Computer Science Engineer** with expertise in **data analysis, software development, and project leadership**. Proficient in using advanced tools like **Power BI, Excel, and Tableau** for data visualization and reporting. Skilled in full-stack development with **Java**, and experienced in optimizing database performance using **SQL**. **Certified by Google and IBM in Data Analytics and Python**, with a track record of improving software efficiency and delivering actionable business insights

## SKILLS

<b>Data Analysis and Visualization</b>	Power BI, Tableau, SQL, Excel
<b>Programming and Development</b>	Java, Python, R, Spring Boot, RESTful APIs
<b>E-commerce and Cloud</b>	Shopify, Bubble.io, Microsoft Azure, Google Cloud
<b>Databases</b>	SQL Server, MySQL, BigQuery, Jira
<b>Soft Skills</b>	Analytical thinking, Problem-solving, Communication, Teamwork, Leadership

## CERTIFICATIONS

- **Google** Data Analytics Professional Certificate
- **IBM** Data Analysis with Python
- **Meta's** Introduction to Databases

## EXPERIENCE

<b>Data Analyst</b> Data DeLimited	Aug 2024 - Present <i>Bangalore, India</i>
<ul style="list-style-type: none"><li>• Developed data analytics solutions using <b>Power BI and SQL</b>, creating interactive dashboards and comprehensive reports to visualize business metrics and provide actionable insights. This helped optimize performance by identifying key trends and supporting data-driven decision-making.</li><li>• Utilized data analysis to assess business performance, track trends, and evaluate KPIs, offering recommendations to optimize processes, improve forecasting, and align strategies with business goals.</li><li>• Led training sessions on <b>SQL</b> and data analysis fundamentals, focusing on key concepts like data querying and reporting. Explored the integration of <b>SaaS tools</b> to enhance data visualization skills, enabling teams to leverage these tools for more effective and insightful decision-making.</li></ul>	
<b>SQL Server Intern</b> Intrainz Edutech	Apr 2023 - Jun 2023 <i>Kerala, India</i>
<ul style="list-style-type: none"><li>• Designed efficient <b>SQL</b> databases, ensuring optimal data structure and relationships to support business needs and scalability.</li><li>• Focused on optimizing SQL database performance, enhancing <b>data storage, manipulation, and retrieval</b> for faster, more efficient operations.</li></ul>	

## PROJECTS

**Byte Size Computer Shop Sales Report** - Designed a four-page **Power BI report** analyzing sales performance, regional breakdowns, and budget comparisons, focusing on key metrics. Incorporated **DAX** for advanced calculations and **AI-driven** visualizations to uncover predictive trends and anomalies, enabling stakeholders to make informed decisions that optimized sales strategies and improved performance.

**SQL Basics Recording Classes-** Conducted and recorded beginner-friendly **SQL classes**, focusing on fundamental concepts such as **basic queries, data manipulation, and database structure**. The classes were designed to enhance practical application and help learners build a solid foundation in SQL for real-world data analysis and database management

**Azure Data Visualization Project -** Set up and configured an **Azure SQL database** with over 1,000 rows of data, ensuring optimal structure and performance. Linked the database to **Power BI** for creating interactive dashboards. Embedded live visualizations into a custom HTML page, allowing for real-time data updates and interactive exploration.

**Pizza Sales Dashboard –** Built a dynamic **Power BI dashboard** for real-time sales tracking, focusing on key metrics. The dashboard included interactive features for filtering data by time periods and regions to visualize trends and make informed decisions

**Sales Analysis Report-** Utilized **Power BI, data modeling, and SQL queries** to analyze sales trends and performance, optimizing reporting processes for more accurate and actionable insights. Focused on improving forecasting accuracy by identifying key patterns and trends

**EDUCATION**

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<b>Bachelors of Technology in Computer Science and Engineering</b> KMEA Engineering College (Affiliated to APJKTU), India	Graduation Date : Jun 2024
<b>Higher Secondary Schooling</b> ,Central Board of Secondary Education M.E.S Indian School, Doha - Qatar	Graduation Date : Jun 2020

**LEADERSHIP**

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- **President : Rotaract Club of KMEA** -Led and contributed to various impactful social service initiatives, including organizing large-scale health checkup camps for 500+ individuals, donation drives for underprivileged communities, and educational events. Coordinated and managed teams, ensuring smooth execution and achieving key objectives, while fostering collaboration and motivation to drive meaningful community impact.
- **President : KMEA Language Forum** – Organized events to enhance English skills for 500+ students, resulting in a 30 percent improvement in fluency. Led a 20-member volunteer team, overseeing planning, coordination, and execution to ensure smooth delivery and maximize learning impact, ultimately fostering a more confident and proficient student body.