

Naganathan Arjun Manicka Sridhar

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PROFESSIONAL SUMMARY

Progressive and result-oriented data analyst with a track record of improving operational efficiency by 20% through data-driven insights. Proficient in Python, SQL, Excel, Power BI with critical thinking, strong communication skills, analytical skills and problem-solving abilities. Committed to delivering actionable solutions and enhancing team collaboration.

EDUCATION

Master of Science (Data Science) Technical University Dortmund	2020 - 2024 Grade: 6.0/10.0
Bachelor of Engineering (Computer Science) Mepco Schlenk Engineering College	2013 - 2017 Grade: 8.1/10.0
Intermediate (Class XII) Velammal Matriculation Higher Secondary School	2012 - 2013 Grade: 96.1%
Matriculation (Class X) Velammal Matriculation Higher Secondary School	2010 - 2011 Grade: 93.2%

EXPERIENCE

Associate Software Engineer July 2024 - Present
Infinite Computer Solutions *Chennai*

- Developed reports using **Power BI, Excel, and SQL**, incorporating KPIs to align with business objectives and support data-driven decision-making.
- Analyzed data to identify trends, optimize processes, and deliver actionable insights, enhancing decision-making efficiency by 15%.

Data Analyst April 2022 - October 2022
Taros Chemicals GmbH Co. KG *Dortmund, Germany*

- Created and published interactive dashboards and visualizations in **Power BI, Excel, and SQL**, integrating customer, finance data, and KPIs for data-driven decision-making in compliance with business objectives
- Developed a predictive model with **logistic regression** on sales and marketing data, achieving a high accuracy rate of 92% in predicting customer needs and preferences
- Executed **A/B Tests** on product analysis and customer analytics data, leading to 15% increase in conversion rate and delivering actionable recommendations / feedbacks using cross functional collaboration
- Implemented a project profitability dashboard with **KPIs** and documentation resulting in 20% business growth

Associate Software Engineer June 2017 - May 2019
Solartis LLC *Madurai, India*

- Resolved global customer issues across teams, improving resolution time by 40% for database setup, UI modifications, and performance monitoring in QA/UAT environments.
- Developed **JSF**-based web apps for AllRisks (US Insurance client), boosting user engagement by 20%.
- Led a proof of concept to integrate a new **MySQL** database and upgraded system versions effectively.
- Optimized **SQL** queries for efficient large-volume data processing.
- Utilized **CI/CD** tools (SVN, CodeCommit, CodeBuild, CodePipeline), reducing deployment errors by 50%.
- Employed **Agile** methodologies, cutting project delivery time by 25%.
- Conducted technical knowledge transfers to onboard team members and enhance productivity.

INTERNSHIPS

Intern February 2017 - March 2017
Solartis LLC *Chennai, India*

- Enhanced product quality assurance, testing, and documentation, leading to a 30% reduction in defects.
- Implemented customer's business requirements successfully resulting in a 20% increase in customer satisfaction.
- Resolved high-severity issues promptly, maintaining a 99% success rate in meeting SLAs with the client.

PROJECTS

Columbia Asia Hospital ([Github](#)) ([Demo](#))

November 2024

- Developed an interactive hospital analytics dashboard in **Power BI** to enhance operational efficiency and decision-making
- Insights on the generated revenue, patient visits and patient satisfaction score
- Usage of slicers to make the visuals more interactive

Chinook Music Store ([Github](#)) ([Demo](#))

September 2024

- Analyzed sales data to reveal top-performing tracks, artists, and customer demographics.
- Uncovered the trends in genres, customer behavior and regional sales. Targeted marketing, retention, promotional efforts.
- Predicted the customer churn rate and improvised the customer value.

Zomato Restaurant Analysis ([Github](#)) ([Demo](#))

August 2024

- Created interactive dashboards using **Excel** to visualize key metrics. Analyzed trends in restaurant openings over the years.
- Evaluated country-wise performance based on ratings and votes. Explored price vs. rating correlations to identify trends.
- Provided recommendations for expanding restaurant presence in target countries.

Financial Analytics Dashboard

November 2023

- Designed a multi-page financial analytics dashboard by extracting data from **MySQL**, transforming it into key performance metrics using **Python**, and visualizing it in **Power BI**.
- Enabled real-time **E-commerce** sales analysis across countries, products, and market pricing segments.

Gold Price Forecasting

August 2023

- Forecasted the future gold value trends using **Linear Regression** from the historical gold price dataset spanning 25 years with Python libraries such as **Pandas, NumPy and Matplotlib**. Achieved a testing score of **80%**.

Bachelor Thesis: iFarm – A Cloud Approach

November 2016

- Created an innovative, end-to-end farmer-centric software with an interface ensuring data validation and data security, leveraging **PostgreSQL**, integration of cloud-based data collection with **Hadoop** for cultivation pattern analysis. Achieved a validation score of **75%**

SKILLS

Computer Languages: Machine Learning, Python, SQL, HTML, JavaScript, SQL, Python

Data Tools: Power BI, Power BI

Software Packages: Hadoop HDFS, Matplotlib, MySQL, Excel, MongoDB, Excel

Soft Skills: Team Building, Decision-making, Creativity, Teamwork, Critical Thinking, Presentation Skills, Communication Skills

Others: Microsoft Office, Spreadsheet, Social Media, Analytics, Tableau