# Naganathan Arjun Manicka Sridhar

LinkedIn • Github

#### 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<br>Grade: 6.0/10.0 |
|---|--------------------------------|
| Bachelor of Engineering (Computer Science)<br>Mepco Schlenk Engineering College | 2013 - 2017<br>Grade: 8.1/10.0 |
| Intermediate (Class XII) Velammal Matriculation Higher Secondary School         | 2012 - 2013<br>Grade: 96.1%    |
| Matriculation (Class X) Velammal Matriculation Higher Secondary School          | 2010 - 2011<br>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

Taros Chemicals GmbH Co. KG

April 2022 - October 2022 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 Solartis LLC

June 2017 - May 2019 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 Solartis LLC

February 2017 - March 2017 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.

# 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: JavaScript, HTML, SQL, Python, Machine Learning

Data Tools: Power BI

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

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

Building

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