

Kamatchi Thangaraj

Data Scientist

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My core skillset is PostgreSQL Programming in MDM, MDM ETL Testing, Development and Defect Management. Trained well in it and I have three years of hands-on working experience in IBM InfoSphere DataStage and ETL Processes.

I have upskilled myself in Data Science, Machine Learning and Python Programming, Data Visualization with the IIT-M Advanced Programming Professional & Master Data Science at GUVI Geek Networks.

After a break due to maternity and childcare, I restarted my career in a Data Product Start-up firm and gained experience as an Associate Data Engineer and now looking for a job with a more conducive working environment.

PROJECTS

Associate Data Engineer | Steerwise Solutions Pvt Limited

Jul 2022 - May 2023

SQL backend development.

ETL process of Hydrocarbon Exploration Data.

Backend support for Data Product that automated the ETL process.

Data Science Learner | IIT-M Advanced Programming Professional & Master Data Science

May 2024 - May 2024

- YouTube Data Harvesting and Warehousing Using SQL and Streamlit, MySQL, MongoDB
- PhonePe Pulse Data Visualization and Exploration: A User-Friendly Tool Using Streamlit and Plotly Python Graphing Library- Using GitHub Cloning, Python, Pandas, MySQL, MySQL-connector-python, Streamlit, and Plotly
- BizCardX: Extracting Business Card Data with OCR- Using OCR, Streamlit GUI, SQL, Data Extraction
- Industrial Copper Modeling- Using Python scripting, Data Preprocessing, EDA, Streamlit
- Singapore Resale Flat Prices Predicting- Using Data Wrangling, EDA, Model Building, Model Deployment
- NLP modelling to categorize toxic tweets and their Sentiment Analysis

SKILLS

SQL (Programming Language), IBM InfoSphere (ETL Tools), Microsoft Visual Studio, PostgreSQL, Data Management, Strong Communication, Project Management, Machine Learning, PowerBI, Pandas, MongoDB, MySQL, Data Analytics, Natural Language Processing, Computational Thinking, Data Visualization, Python

EMPLOYMENT HISTORY

Associate Data Engineer- SQL Backend Developer | Steerwise Solutions Private Limited | Chennai

Jul 2022 - May 2023

Worked in PostgreSQL Backend Development along with Testing and Defect Management. Supported product development team with preparing sample source data. Gained basic working knowledge in BigData DB, GCP, Azure DevOps, Scala and Apache Spark.

Assistant Systems Engineer | Tata Consultancy Services Pvt. Ltd | Chennai

Jul 2011 - Jan 2014

Worked as an ETL Tester, Developer and did Production Support in MDM.

EDUCATION

Nov 2023 **Master Data Science -> GUVI Geek Networks**

- Apr 2024 **IIT-M Advanced Programming Professional & Master Data Science**

Aug 2007 **B Tech -> Government College Of Technology, Anna University, Coimbatore**

- May

2011

WEBSITES & SOCIAL LINKS

[LinkedIn](#)

Extra skill

TECHNICAL SKILLS

Test Case Preparation and Execution

Apache Spark

Google Cloud Platform (GCP)

Big Query SQL

Streamlit UI

OOPS Concepts

Deep Learning and Neural Networks Fundamentals

COURSES

Jul 2023 **IIT-M Advanced Programming Professional & Master Data Science at GUVI Geek Networks**

Apr 2024

May 2024 **Agile Fundamentals at Guvi Geek Networks**

Jul 2024

Apr 2024 **MongoDB at Guvi Geek Networks**

Jul 2024