HARISH KUMAR

Data Scientist

✉ harish2f@gmail.com

📞 (017) 6285-12457

📍 Berlin, DE

in [LinkedIn](#)

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WORK EXPERIENCE

Analyst Developer

Caterpillar India Engineering Solutions - EDV

📅 November 2022 - January 2024   📍 Chennai, IN

- Developed a python package to convert Ed3 data to dataframe that reduced manual conversion by 15 hours per week.
- Overhauled evaluation of the results of algorithms to predict future occurrences using real-world programs data with 82% precision.
- Achieved a remarkable 13% improvement in locomotive maintenance efficiency through data-driven analytics and predictive modeling.

Caterpillar India Engineering Solutions - LUMINOUS

📅 January 2022 - October 2022   📍 Chennai, IN

- Led the migration of a data-intensive locomotive app using R Shiny to Python and React, driving improved functionality and user experience.
- Conducted analysis of the R codebase, pinpointing areas ripe for optimization and crafted a strategic roadmap to achieve 10% performance boost.
- Achieved code conversion for an efficient, scalable app with 20% lower maintenance costs.

Software Engineer

Tech Mahindra - BASF (Data Analyst)

📅 January 2019 - January 2022   📍 Bengaluru, IN

- Optimized freight operations, enhancing customer service and improving shipment timelines, saving 7.5% in supply chain operations.
- Accomplished 90% accurate shipping time predictor and 93% accurate delay classifier, showing tangible results in freight optimization.
- Analyzed shipment KPIs, benchmarked business performance across regions and helped protect ~$ 150,000 lost due to SLA breach.

Tech Mahindra - JNL (Data Analyst)

📅 December 2016 - January 2019   📍 Bengaluru, IN

- Implemented A/B testing and optimization to improve conversion rate by 17%.
- Created and owned the reporting for a nationwide retention program saving an average of 60 hours of labor each month.
- Implemented advanced statistical analysis to identify targeted cost-saving initiatives, resulting in an 8% reduction in costs.

EDUCATION

Master's

Data Science

University of Europe for Applied Sciences

📅 September 2023 - current

📍 Potsdam, DE

Bachelor's

Civil Engineering

Anna University

📅 June 2013 - April 2016

📍 Chennai, IN

SKILLS

- Python
- SQL
- R
- Customer Segmentation
- Marketing Analytics
- Machine Learning
- Statistical Analysis
- Process Mining
- Price Optimization
- Productionizing Models

ACHIEVEMENTS & VOLUNTEERING

- Received 'Grand Salute' award, recognizing commitment and accomplishments at BASF.
- Served as Vice-President of 'Tech Mahindra Toastmasters Club'.
- Won state level second prize for presentation on 'Application of Mathematics in Engineering'.