



Yashvanth Mallapura Venkatesh

GRADUATE ANALYST – AIA



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[Yashvanth Mallapura Venkatesh](#)

PROFILE SUMMARY

Yash is a curious and analytical person. He typically works by breaking down complex Data problems into small solvable pieces. He has a strong engineering background, which has refined his decision-making ability. He is solution-oriented and can maintain good communication with his peers.

In his free time, Yash likes cooking and Karaoke. He wants to travel the world and visit different music festivals. He is also a cocktail artist by weekend.

Areas of expertise

- Programming
 - Python / MATLAB / SQL / C
- Machine Learning
 - Scikit-learn/ Pandas / NumPy
- Data Analysis
 - Power BI / Excel (expert)
- Deep Learning
 - Keras / Tensorflow / OpenCV
- Microsoft Azure

WORK EXPERIENCE

Cognizant

Jan 2022 - Present

Graduate Analyst – Artificial Intelligence & Analytics (AIA)

Cross-functional analyst position within Cognizant's Artificial Intelligence & Analytics (AI&A) team with a focus on Data Science. Currently, learning Microsoft Azure fundamentals.

HAN AUTOMOTIVE RESEARCH

Mar 2020 – Dec 2020

Master thesis student | Arnhem, the Netherlands

Completed a research project focusing on automating the reverse engineering of CAN signals in vehicles by applying time series classification using LSTM network. The responsibilities included designing test procedure, data acquisition, pre-processing, training, testing, validation and tool deployment.

Highlights:

- Was awarded 9/10 by the University. Currently working on a research paper.
- The tool is still being used by the stakeholders.



Jun 2017 – Aug 2018

Data Analyst (Catastrophe Risk) | Bengaluru, India

- Assessed the risk of natural catastrophes on properties with an insured value of more than \$60 B via probabilistic loss estimate models.
- Contributed to winning up to \$20 B in insured value and \$5 M in the premium of new business by improving prior assumptions and modelling techniques.
- Prepared reports and dashboards for the intuitive presentation of information to underwriters, brokers, and clients. All this resulted in client retention, portfolio growth, and expansion.

EDUCATION DETAIL

Master's degree

2018 - 2020

Automotive Systems Engineering, HAN University of Applied Sciences (MSc)

- Skills: Data processing, Machine Learning, Deep learning, Time series classification, Computer Vision, System Identification

Bachelor's degree

2013 – 2017

Mechanical Engineering, The National Institute of Engg. (India) (BEng)

- Graduated with Honors
- Extra-curriculars: Marketing head of college Entrepreneurship cell, Head of Innovation and media for Student Body council, Captain of Ball-badminton team

Training

- Python, Machine Learning, Time-series forecasting & classification Work in Progress: AZ-900

Languages

- English (Business Fluent), Dutch (Beginner), Hindi (Business Fluent)