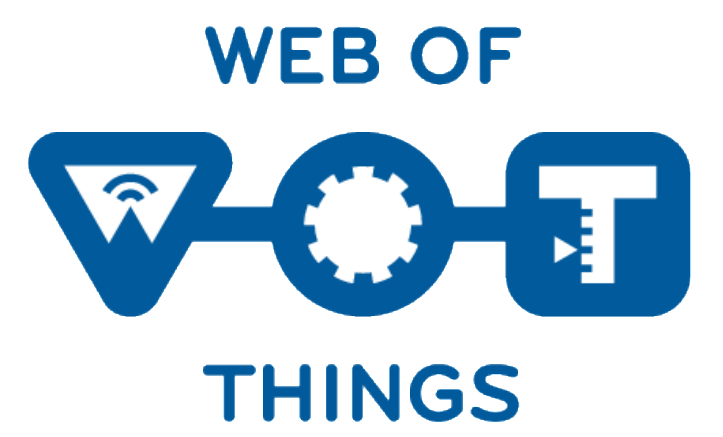


# Cloud-based distributed NVH Data Acquisition using Web of Things



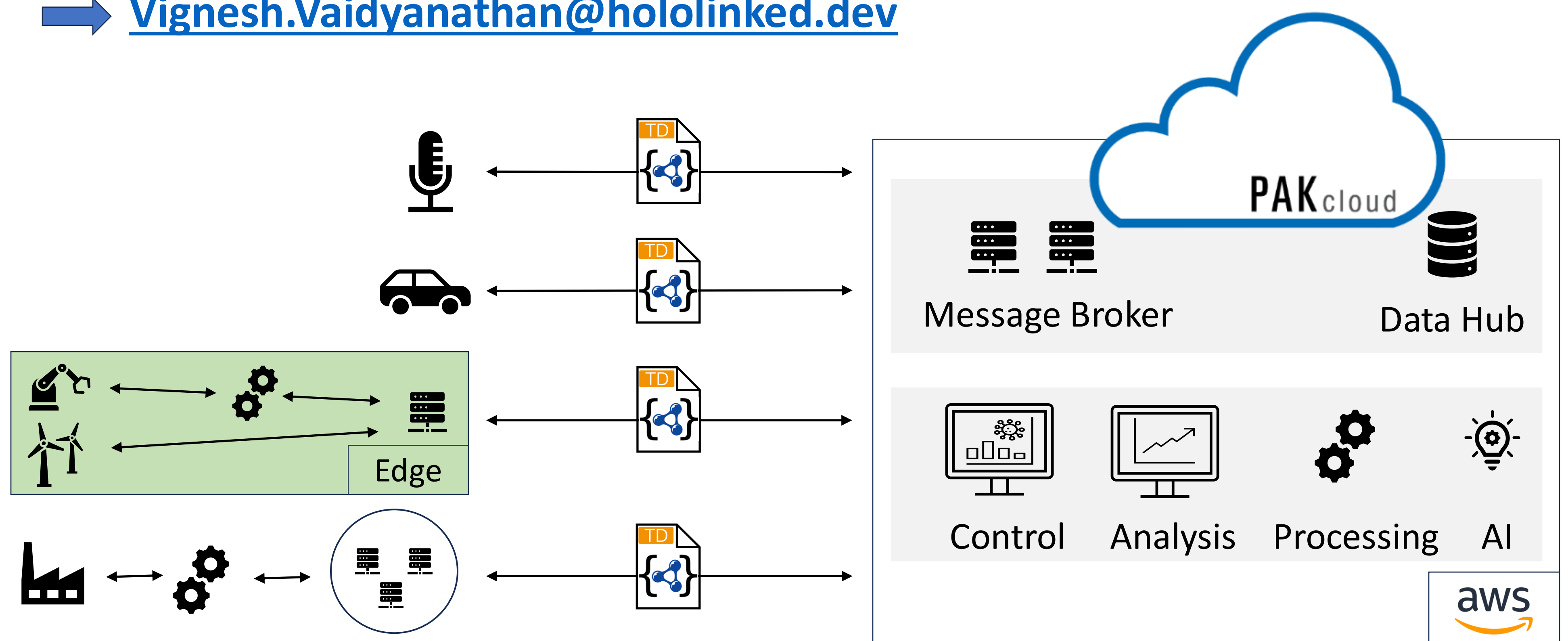
## Background/Motivation:

- Location-independent, unattended continuous operation of instruments for the acquisition of dynamic NVH data
- Automated NVH data processing all the way to report or trend analysis
- Integration of arbitrary data sources via a generic data model
- Transfer of the data model and other necessary information via **WoT Thing Descriptions**

## What can be seen:

- Measuring instrument “MicroQ” connected to cloud via an automatically generated **WoT TD**
- Fully automatic, time-controlled storage of measurements in PAK cloud
- Live preview of the data stream, implemented by **Vignesh Venkatasubramanian** as part of the **WoT PlugFest 2024**

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