

Rohil Pal

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Profile

I am Rohil, a data scientist at Honeywell working on architecting and building data-driven products for Honeywell's Sustainability Portfolio. I also work with DS/DE teams to fix their technical debt, improve data engineering and ML pipelines and incorporate automation wherever possible.

Professional Experience

Honeywell

AI/ML Product Owner

May 2022 – present

As PO of the data science team, I -

- bridge the technical gap between the DS team and other business stakeholders including scrum masters, POs, architects, sales and engineering leadership
- organize and lead brainstorming sessions to discuss new requirements and how to deliver them.

Bengaluru, India

Data Scientist

2021 – present

These are my accomplishments so far -

- Implemented a rule-based approach to optimize fresh air intake in AHUs (Air Handling Units) to be more energy-efficient without compromising occupant comfort.
- Worked on implementing several components of the data cleansing pipeline. This pipeline feeds into the various ML use cases that our team is working on.

Bengaluru, India

Currently, I am working on -

- Building an MLflow-based pipeline. This pipeline can train, retrain and infer using multiple ML models parallelly.
- Using Delta live tables (DLT) in Databricks to implement an event-driven application.

Indian Institute of Technology, Junior Research Fellow

Sep 2020 – Aug 2021

During this stint, I devised a solution for converting low dynamic range (LDR) images to high dynamic range (HDR) images.

Gandhinagar, India

Our proposed solution that used conditional GANs got accepted into an Indian conference called ICVGIP.

Publication: *HDR-cGAN: Single LDR to HDR image translation using conditional GAN* [🔗](#)

Siemens Technology India, Research Intern

Jan 2020 – Jun 2020

I experimented with GAN-based approaches in the context of future frame prediction in traffic videos.

Bengaluru, India

Education

Bachelors & Masters, Computer Science, IIIT-Bangalore

2015 – 2020

CGPA: 3.41 / 4