Hyper automation

Post Acute Care Industry

THIS COMPANY IS WORKING TO ELIMINATE 200,000 MANUAL HOURS A YEAR SPENT ON ADMINISTRATIVE WORK.

Challenge

UiPath in use with the following limitations :

- No automatic recovery is built-in in workflows rendering them non-resilient.
- The solution becomes costlier as you scale.
- Tech Leads and Architects must think about the scale of each workflow implementation individually as it is not automatic.
- The reusability of developed workflows needs to be there.
- Developer experience could be better, and the Vendor partnership model is challenging.

Solution

Intel-CS Team built a new-age platform that :

- Used event-driven architecture.
- Accelerated the development of new workflows and allowed the reuse of process components for multiple workflows, thereby saving costs and quicker rollouts.
- The platform comprises of SDK, CLI, APIs, workflow repository management, and Prebuilt Workflows Governance.

The Platform developed

- Used Kafka for communication.
- Build Platform APIs
- Built connectors for the actual worker using any RPA tool.
- Clear domain boundaries
- Technology: Nodejs, Typescript, Kafka, Conductor, Kubernetes, AWS, Postgres, Selenium, UiPath, Robocorp, Python

The Benefits

FASTER ROLLOUT OF WORKFLOWS.

FROM 3-4 MONTHS TO < 1 MONTH

200,000 MANUAL HOURS A YEAR SAVED

DEVELOPER EFFICIENCY INCREASED BY 40%

NPS SCORE IMPROVED BY 5%

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