

Accelerate Enterprise Technology with Internet of Things(IoT)

Mayank Aggarwal

Senior Software Engineer – CG Infinity Inc.



Enterprise Apps



- Customer Relationship Management Salesforce, Oracle CRM, SAP CRM
- Enterprise Resource Planning Oracle ERP Cloud, Sage, SAP ERP
- Project Management Tools JIRA, Azure DevOps
- Messaging and Collaboration Tools Slack, Microsoft 365
- Business Intelligence Microsoft Power BI, Tableau
- Enterprise Application Integration Boomi, MuleSoft
- HR Management Workday
- Content Management WordPress, Contentful

Advantages of Integration with IoT



- Interaction with the Physical World.
- Improved automation of processes and reduced Manual Effort.
- Improved User Experience with better collection of data.
- Improved Data Analytics and Forecasting with better data quality.
- Enhanced Efficiency and Productivity.
- Lesser Chances of Human Errors.
- Streamlined Business Processes with increased profits.

Myths



- Legacy or the Existing Systems can no longer be used.
- It's going to be a big change in the IT Infrastructure.
- Too many Modifications in the existing functionalities will be needed.
- High Maintenance Effort will be needed.

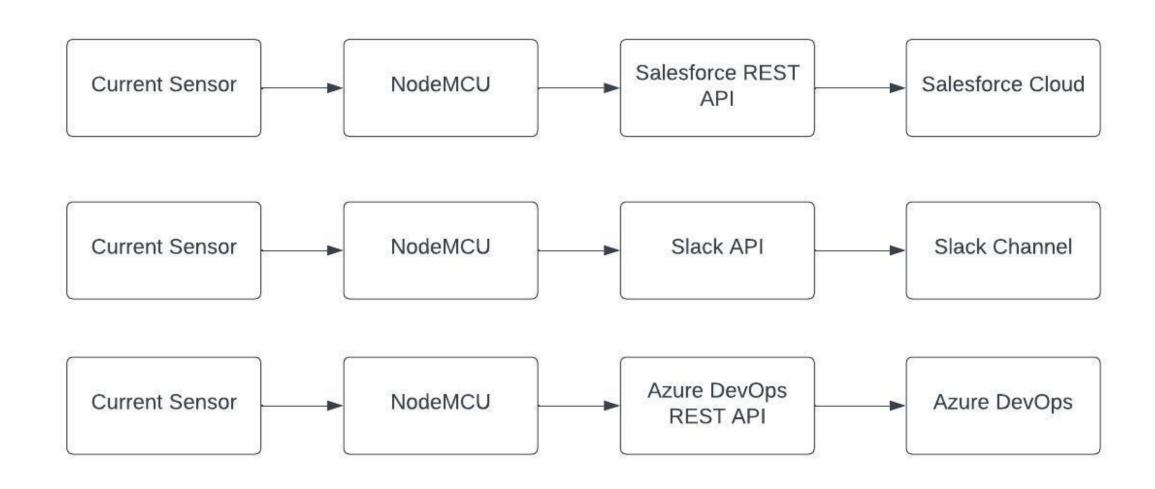
Let's discuss all this with a demo



- Smart Energy Meter as an IoT System
 - NodeMCU (ESP8266 Chipset) Wi-Fi Enabled Microcontroller Unit
 - Current Sensor To measure the current across the load

Architecture Diagrams







Thank You & Have a good day 😂