Good morning, Sir/Ma’am,  
My name is **Amit Kumar Verma**, and I bring **7 years of experience in IT**, with the last **3 years dedicated to DevOps and Microsoft Azure Cloud**. Currently, I’m working at **Brindavan Bottlers Pvt. Ltd.**, where I’ve been for the past **1.3 years**.

My core skill set includes **Microsoft Azure**, **terraform (as an Infrastructure as Code tool)**, **Azure DevOps**, **CI/CD pipeline automation**, **PowerShell scripting**, and managing cloud-native solutions for enterprise applications.

One of the most impactful projects I led was the **Borewell Water Consumption Monitoring System**, where we automated the tracking of water usage across **35 borewells** in our manufacturing plant. Each borewell could pump up to **65 kiloliters/hour**, and earlier tracking was done manually, leading to errors and inefficiencies.

We deployed **IoT edge devices** and **flow meters**, which sent real-time telemetry to **Azure IoT Hub**. Using **Azure Stream Analytics**, we processed the data and stored it in **Azure SQL** and **Data Lake** for reporting and analysis. I automated alerting with **Azure Functions**, and used **Power BI** to build a real-time dashboard for visibility. We also integrated **Azure Machine Learning** to forecast water demand and **Power Automate** to handle scheduled notifications.

As a DevOps engineer, I was responsible for automating the entire infrastructure deployment using **Terraform**, ensuring consistency and speed in provisioning Azure resources across environments.

In parallel, I developed an **Electricity Bill Monitoring Dashboard**, integrating energy meter data to analyse power consumption patterns. This helped plant teams identify **peak usage periods** and optimize load distribution, leading to **cost savings**.

I also implemented **Motor Running Hours Monitoring** using IoT sensors to capture operating time of motors. This data was used for **predictive maintenance planning** and helped reduce **unnecessary runtime and energy usage**.

These projects not only enhanced operational efficiency but also strengthened my expertise in **cloud automation, infrastructure provisioning, IoT integration, and monitoring**