Hindustan Platinum

Internship Certificate

This is to certify that **Ms. Anvi Panchal**, a Bachelor of Technology student in Computer Science and Engineering at GLS University, Ahmedabad, successfully completed her internship at **Hindustan Platinum Private Limited** from May 2024 to June 2024. She undertook the internship under the supervision of **Mr. Srinivas Poojari, General Manager Information Technology.**

During her internship, Ms. Panchal designed and developed a real time, network based digital weighing machine monitoring system. The project involved creating a centralized Python and Flask web application that provided live visibility into the operational and connectivity status of digital weighing machines across the company's internal network, thereby reducing the need for manual monitoring.

Her principal responsibilities included integrating internal business APIs, implementing socket based communication and periodic connectivity checks, and developing a live dashboard displaying the active or inactive status of each connected machine. She also designed an automated email escalation mechanism for machines that remained unreachable for more than one hour, incorporated office hours based notification rules, and deployed the completed application on the company's internal server.

Throughout the internship, Ms. Panchal demonstrated strong technical competence in software development, API integration, network programming, and real time systems. She approached complex requirements analytically, worked independently, and successfully completed the project from requirements analysis through production deployment. Her performance reflected intellectual curiosity, professionalism, initiative, and readiness for advanced academic study. Based on her technical abilities and commitment to learning, we believe she is well prepared to pursue a master's degree in Computer Science or a related discipline.

We wish her every success in her future academic and professional endeavours.

Sincerely,

Srinivas Poojari
General Manager Information Technology
Email: [redacted]
Phone: [redacted]

Hindustan Platinum Private Limited