Hindustan Platinum

Internship Certificate

This is to certify that **Mr. Yash Shah**, a Bachelor of Technology student in Computer Science and Engineering at GLS University, Ahmedabad, successfully completed an internship at **Hindustan Platinum Private Limited** from May 2024 to June 2024. He worked under the guidance of **Mr. Srinivas Poojari, General Manager Information Technology**.

During his internship, Mr. Shah designed and developed a real time, network based Digital Weighing Machine Monitoring System using Python and Flask. The application provided centralized, live visibility into the operational status of digital weighing machines connected to the company's internal network, thereby reducing the need for manual status checks.

His 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 machine. He also implemented an automated escalation mechanism that notified designated administrators when a machine remained unreachable for more than one hour, incorporated office hours based suppression rules, and deployed the completed application on the company's internal server.

Throughout the internship, Mr. Shah demonstrated strong proficiency in full stack web development, network programming, and real time systems design. He independently managed the project from requirements analysis through production deployment and displayed excellent problem solving skills, professionalism, initiative, and responsibility. We were highly satisfied with his performance and confidently recommend him for admission to a master's degree programme in Germany.

We wish him every success in his future academic and professional pursuits.

Sincerely,

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