Bosch Chassis Systems India Pvt. Ltd.

Date: 23.11.2026

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LETTER OF RECOMMENDATION

To Whom It May Concern,

I am pleased to recommend Mr. Hriday Sarkar, a B.Tech student in Electronics and Communication Engineering at the National Institute of Technology Agartala, who completed his industrial internship at Bosch Chassis Systems India Pvt. Ltd., Chakan Plant, from 18 May 2026 to 17 July 2026. I was his Reporting Manager during the internship.

During his internship in the ChkP/MOE2-MS department, Hriday worked on the development of a Java-based Maintenance System intended to improve the existing process of recording and managing equipment breakdown information. He developed the application with a structured database, user roles, data validation, reporting and export features. He also worked on the migration of historical breakdown records from Excel into the new system.

What I found particularly positive in Hriday was his willingness to understand the actual requirements of the maintenance team before implementing the solution. The application had to operate within the plant's existing IT environment, including offline operation and restrictions on the use of external software libraries. He was able to work within these limitations and develop the required functionality accordingly.

Hriday also handled the legacy data migration work with good attention to detail. The historical records contained inconsistent dates, missing information, different ways of entering locations and personnel names, and duplicate records. He implemented validation and duplicate-checking mechanisms to identify these issues during the migration instead of carrying them into the new database.

In addition to his software work, Hriday took an interest in the automation activities at the plant. He accompanied the automation team during the PLC modernization activity on Noah Line 2 and gained practical exposure to ladder-logic reconfiguration, I/O rewiring and commissioning of the upgraded system.

Throughout the internship, Hriday was sincere in his work and receptive to guidance. He was willing to learn from the engineers and maintenance personnel around him and took responsibility for understanding and completing the work assigned to him. He was also able to work across software development, data migration and industrial automation activities during the internship.

I believe the experience he gained at Bosch, together with his technical interest and willingness to learn, will serve him well in his future academic and professional career. I am happy to recommend Hriday Sarkar for suitable internship, employment, and further academic opportunities.

Sincerely,

PulinKumar_Sharma
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Pulin Kumar Sharma
Senior Manager_ChkP/MOE2-MS
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