I am writing this letter with my wholehearted support for **Sarthak Gupta's** candidature at your prestigious institution for the Master's program. Currently, I am working as an Senior Software Engineer-II in the Go-MMT group (MakeMyTrip Pvt. Ltd.), Bengaluru, India. I got associated with him when he started pursuing his internship at our organization. Being Sarthak's senior and mentor during his summer internship period and during his full-time employment too, I was highly impressed with his technical, analytical, and presentation skills, along with his enthusiasm for work, and ability to meet deadlines.

He worked on the project **"Pustak: An Online Community Platform for Authors, Poets, Blog Writers, and Readers"** under my supervision. The project was handled with care with respect to following the entire SDLC life cycle, and a detailed PRD document was made by him. This was the first time I saw such clarity in an individual who had just started his career. Sarthak, along with his one teammate, prepared a detailed architecture of the interface and was successful in identifying the key requirements. He gave special attention to understanding and developing the business logic of the project. He was keen to analyze the success metrics of what he designed and developed. His interface included features like CRUD support for all project types. One could share, like, and comment on projects created by other users, these were stored and handled by a real-time database. The project also supported features like multi-lingual support, project bookmarking, and API support. The implementation of complicated business logic, like building a self-made **efficient plagiarism checker,** was the key feature that caught the attention of everyone in the team during their project demo.

Seeing his sincerity and dedication, our organization extended a full-time offer to him for the role of Software Engineer. He is now working on various product stories, and tech enhancements and is also single-handedly designing a **complex automation layer** (Enigma), to provide a single-entry point by abstracting references to all the microservices from the client, reducing latency by aggregating multiple API-calls, and incorporating complex business logic. I believe that he possesses good analytical skills along with strong technical knowledge. He has seamlessly integrated all of my recommendations or changes, demonstrating his willingness to listen to and work with constructive feedback. He has always shared his keen interest in the field of business, and I believe that his passion towards understanding the parameters affecting business was visible throughout this time.

Overall, Sarthak is a skilled individual with the innate ability to apply learned theoretical knowledge into practice. He is enthusiastic and reliable in completing the work assigned to him. Sarthak is confident in demonstrating his work and is a good communicator, as he could put forward his work and learnings in front of a large audience. He is a person open to exploration who pursues his interests very strongly. I believe that he is a talented young man driven by his interest in technology and computing. I have absolute confidence in his performance abilities, and thereby, he has my highest endorsement for the selection process at your university.

**Regards,**
Sabeer Sulaiman
Senior Software Engineer-II
MMT10136
sabeer.sulaiman@go-mmt.com

MakeMyTrip (India) Private Limited     CIN - U63040HR2000PTC090846     www.makemytrip.com

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Phone No.: +91 124 439 5000, Fax: +91 124 439 5100, Email: compliance@go-mmt.com

**30-Nov-2022**

<u>**To Whomsoever It May Concern**</u>

This is to certify that **Mr. Sarthak Gupta (E Code - MMT/9969)** has been working with **MakeMyTrip (India) Pvt. Ltd.** since **01-Jun-22** as **Software Engineer** in the **Technology Development** department.

Roles and Responsibilities:

- He worked on the project **"Pustak: An Online Community Platform for Authors, Poets, Blog Writers, and Readers"** during his internship period under my supervision. The project was handled with care with respect to following the entire SDLC life cycle, and a detailed PRD document was made by him.

- Interned with MakeMyTrip Group from $3^{rd}$ January 2022 to $31^{st}$ May 2022 as Software Engineer Intern – Backend, then offered fulltime role starting from $1^{st}$ June 2022 - Current

- His interface included features like CRUD support for all project types. One could share, like, and comment on projects created by other users, these were stored and handled by a real-time database. The project also supported features like multi-lingual support, project bookmarking, and API support. The implementation of complicated business logic, like building a self-made **efficient plagiarism checker,** was the key feature that caught the attention of everyone in the team during their project demo.

- He is now working on various product stories, and tech enhancements and is also single-handedly designing a **complex automation layer** (Enigma) to provide a single-entry point by abstracting references to all the microservices from the client, reducing latency by aggregating multiple API calls, and incorporating complex business logic.

- He has seamlessly integrated all of my recommendations or changes, demonstrating his willingness to listen to and work with constructive feedback.

- Skilled individual in Python, Go Lang, JavaScript, SQL, CICD, Django, Data Structures & Algorithms and Graphql

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He is confident in demonstrating his work and is a good communicator, as he could put forward his work and learnings in front of a large audience. Overall he possesses exceptional analytical and technical skills and gives special attention to understanding and developing the business logic of the project.

He is also aware of his obligations as an Ex-Employee of MakeMyTrip, with respect to the Non- Solicitation, Non-Compete and other clauses of Terms and Conditions of employment with the organisation.

**For MakeMyTrip (India) Pvt. Ltd.**

**Ramesh Singh Bisht**
**Director – Human Resources**

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