

Development of AI Chatbot for MMRCL Website using LLMs and Django

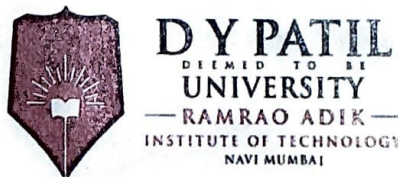
Submitted in the partial fulfillment of the requirements
for the degree of B.Tech in Computer Science and Business Systems

by

Paarth Parag Doshi (21CE2022)

Supervisor

Mr. Chaitanya Jage



Department of Computer Engineering

Ramrao Adik Institute of Technology

Sector 7, Nerul, Navi Mumbai

(Under the ambit of D. Y. Patil Deemed to be University)

May 2025



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INSTITUTE OF TECHNOLOGY
NAVI MUMBAI

Ramrao Adik Institute of Technology

(Under the ambit of D. Y. Patil Deemed to be University)

Dr. D. Y. Patil Vidyanagar, Sector 7, Nerul, Navi Mumbai 400 706

CERTIFICATE

This is to certify that, the Internship report entitled
**Development of AI Chatbot for MMRCL Website using
LLMs and Django**
is a bonafide work done by
Paarth Parag Doshi (21CE2022)
and is submitted in the partial fulfillment of the requirement for the degree of

B.Tech in Computer Science and Business Systems

to the

D. Y. Patil Deemed to be University

Industry Mentor
(Mr. Sumit Patil)

Supervisor
(Mr. Chaitanya Jage)

Project Co-ordinator
(Mrs. Bhavana Alte)

Head of Department
(Dr. Amarsinh V. Vidhate)

Principal
(Dr. Mukesh D. Patil)

Internship Report Approval

This is to certify that the Internship entitled “ *Development of AI Chatbot for MM-RCL Website using LLMs and Django* ” is a bonafide work done by *Paarth Parag Doshi (21CE2022)* under the supervision of *Mr. Chaitanya Jage*. This internship is approved in the partial fulfillment of the requirement for the degree of *B.Tech in Computer Science and Business Systems*

Internal Examiner :

1. *[Signature]*
03/05/2025

2.

External Examiners :

1. *[Signature]*
31/5/25

2.

Date : *03/05/2025*

Place : *RAIT, Nerul*

DECLARATION

I declare that this written submission represents my ideas and does not involve plagiarism. I have adequately cited and referenced the original sources wherever others' ideas or words have been included. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action against me by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Date: 03/05/2025



Paarth Parag Doshi (21CE2022)



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NAVI MUMBAI

Department of Computer Engineering
BE Internship - Monthly Progress Report
Even Semester 2024-2025

Title: Development of AI chatbots for MMRCL website using LLMs and Django

Final Year Div: H/H1
Internship No. BE-H-INO2

Roll No. & Name of Student :

21CE2022 Paarth Parag Doski

Name of the Guide:

Chaitanya Jage

Month	Interaction No.	Date	Attendance	Progress/Suggestion
January	1	10/01/25		Define Objective and Scope
	2	18/01/25		Analysis of Existing Solutions
February	1	15/02/25		Analysis and Design Project Methodology
	2	25/02/25		Design & Architecture
March	1	15/03/25		Implementation Details
	2	29/03/25		Testing Strategies, Comparison from Previous Literature Survey
April	1	04/04/25		Result Analysis
	2	25/04/25		Summary of Work and Report Submission
	1			
	2			
	1			
	2			

Name and Signature of Guide

Appendix D

Internship Completion Certificate



Mumbai Metro Rail Corporation Limited
(JV of Govt. of India and Govt. of Maharashtra)

Date: 08.05.2025.

****INTERNSHIP COMPLETION CERTIFICATE****

This is to certify that **Paarth Parag Doshi** (Roll No.: 21CE2022), a student of **Department of Computer Engineering, Ramrao Adik Institute of Technology (RAIT), Nerul**, has successfully completed his industry internship at **Mumbai Metro Rail Corporation Limited (MMRCL)**.

The internship was undertaken as part of academic requirements and was carried out from **08th January 2025 to 07th May 2025** under the guidance of **Mr. Sumit D. Patil, DGM/IT, MMRCL**.

During the internship tenure, **Mr. Paarth Parag Doshi** worked on the project titled: **"AI Chatbot Implementation for Web Portal"**.

His performance and dedication throughout the internship were commendable and contributed effectively to the assigned tasks.

We wish him all the best for his future endeavors.



Yours Faithfully,

(Signature)

Sumit D. Patil

Deputy General Manager - IT

For Mumbai Metro Rail Corporation Limited

CIN U60100MH2008SGC181770





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Figure D.1: Internship Completion Certificate

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