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# GAURANG GUPTA

## Software Development Engineer

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### TECHNICAL EXPERIENCE

#### Developer

OCT 2021 — Present

Tata Consultancy Services

New Delhi

- Created a **RAG(Retrieval Augmented Generation)** pipeline to train the model with a custom dataset to query the result of specific documents from the user and also implemented the **user feedback loop** to enhance the responses, using **Mistral.Ai from the hugging face and the Llama-Index framework**.
- Develop **generative Ai** chat-bot using open source Large Language Model like BLOOM , LaMini which also incorporates **media recommendation** as per users prompt if required.
- Design and develop the **invoice data extractor** using LLM that could **extract the required data** according to user requirements and works on **all invoice templates**.

#### Mule Developer

- Involved in **the creation and deployment** of the application and objects and unit testing.
- Mule application deployed using Jenkins in Anypoint Cloudhub Environment.
- Identified design gaps and defects, providing solutions and bug fixes.
- Documenting **High Level Design**, Impact Analysis, Unit test plan, Unit test cases, and Deployment documents.

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### SKILLS

Data Structure And Algorithms, OOPS, C++, System Design, Generative Ai, Python, Mulesoft, Azure Fundamentals(AZ900 Certified), Git, Anypoint Studio

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### EDUCATION

#### Bachelor of Technology (B.Tech)

(2017-2021)

Kamla Nehru Institute Of Technology, Sultanpur, Uttar Pradesh, India

CGPA :8.61

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### ACADEMICS/ PERSONAL PROJECTS

#### Simple Chat web Application

(Nov 2018-Dec 2018)

Developed a chat application using Node.js ,HTML and CSS with routing handled by Socket.js.

**Github** : <https://github.com/gaurang2801/chat2>

#### Mobile Application for Startup cell KNIT Sultanpur

(Nov 2019-Dec 2019)

Created an android application using Flutter, supporting both Android and iOS platforms.

**Github** : [https://github.com/gaurang2801/startup\\_cell](https://github.com/gaurang2801/startup_cell)

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### CERTIFICATE

- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- Azure Fundamentals (AZ-900)
- Problem Solving (Basics) HackerRank
- JPMorgan Chase Virtual Internship

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### ACHIEVEMENT

- Awarded with "Innovation Pride Award" at TCS Rapid Team.
- Qualified Codevita 2021 Rank:3k/65000
- Solved 280 problems on Leetcode was among top 10% in Biweekly Contest 122
- GATE CS 2021 Rank : 3k/101922
- Got 7500 Global Rank amongst 24000 Candidates in Meta Hacker Cup 2024

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### POSITION OF RESPONSIBILITIES

- Executive of Codechef-Knit-Chapter
- Member of Software Development Cell
- Representative of Startup cell of K.N.I.T which is one of the innovation and incubation centre among top 5 colleges of Uttar Pradesh approved by AICTE