

OM M PATEL

Roll No.: 21BCP095


Bachelor of Technology in Computer Science

Pandit Deendayal Energy University,


Gandhinagar

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 iampatelom@gmail.com

 [GitHub Profile](#)

 [LinkedIn Profile](#)

 [Personal Profile](#)

Education

- Pandit Deendayal Energy University, Gandhinagar
Bachelor of Technology in Computer Science and Engineering
2021-25
CGPA: 8.65
- G.E.B Vadodara
High School Education
2021
Percentage: 82%
- JEE Mains
2021
Percentile : 96

Experience

PATCHMAX LTD.

APRIL 2023 - JUL 2023

ANDROID DEVELOPER INTERN

- Honing my skills in app development by designing and implementing new features, and resolving bugs.
- Assisted in [UI improvements](#) and [API integration](#) to deliver comprehensive solutions.
- Conducted [web scraping](#) using [Python](#), [Beautiful Soup](#), Selenium, and PyCharm to collect and process data from external websites.
- Demonstrating expertise in [Kotlin](#) and Kotlin coroutines by successfully implementing crucial features for application enhancement

Personal Projects

TEXT2SQL

DEC 2023 - JAN 2024

“ACCESS YOUR DATABASE IN YOUR LANGUAGE”

- Streamlined Text2SQL app with [LangChain](#) and [GeminiPro](#) for easy SQL query generation.
- Empowered users to upload databases via a user-friendly Streamlit interface.
- Implemented advanced natural language prompts, transforming input into precise [SQL](#) queries.
- Democratized data access, eliminating manual query writing in a [Streamlit](#) web app.

EPC (EXAM PAPER CHECKER)

SEPTEMBER 2023 - NOV 2023

“AUTOSCORER: PRECISION IN EVERY PAPER”

- Led a six-member team in developing Exam Paper Checker, an automated grading system, React for the front end, [Python](#) with [Flask](#) for backend logic, and [MongoDB](#) for flexible data storage.
- Integrated [BERT-Uncased](#) for [NLP-based grading](#), employed [Spacy](#) & [PyTesseract](#) for image processing ensuring accuracy in assessing diverse exam formats.
- Positioned the project as a cost-effective solution for educators.

Technical Skills And Interests

Languages: PYTHON, C, JAVA, HTML+CSS

Frameworks and Libraries: SCIKIT-LEARN, TENSORFLOW, FLASK

Analysis & Visualization Tools: PANDAS, NUMPY, MATPLOTLIB, SEABORN

Tools: GIT, GITHUB, GOOGLE COLLAB, GCP, INTELLIJ, MICROSOFT OFFICE, ASANA, AI TOOLS, COMPASS, WORKBENCH

Databases: MONGODB, FIREBASE, MYSQL, SQLITE

Emerging Technologies: LANGCHAIN, LLAMAINDEX, GENERATIVE AI, NLP

Soft Skills: AVID LISTENER, PROBLEM SOLVING, FAST-LEARNER, TEAM LEADERSHIP, ADAPTIVE

Areas of Interest: DATA SCIENCE, DATA ANALYST, ML-OPS, BIG DATA ANALYST, QUANTITATIVE ANALYST

Position Of Responsibility

- President :** *Tattvam- The Sanskrit Club Of PDEU*
May 2023 - Present
- Graphic Design Head:** *Tattvam- The Sanskrit Club Of PDEU*
May 2022 - May 2023