

Muhammad Huzaifa Patel

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Career Objective:

To pursue a career in a healthy and creative atmosphere where I can expand and apply my skills and knowledge effectively for the organization's growth.

WORK EXPERIENCE

➤ Tata Consultancy Services (TCS) Developer Jun 2023 – present

- Developed a Q&A Chat bot using **large language models (LLMs)** and **Retrieval-Augmented Generation (RAG)** techniques.
- Also implemented robust **guardrails** for safety and reliability.
- Automated **test case generation** using LLMs to streamline the testing process.
- Worked on **Python web development** using **Flask**, and created and integrated APIs using **FastAPI** to build scalable and efficient web applications.
- Contributed to the **UI development** and **collaborated with cross-functional teams** to integrate LLMs into various applications and services.

ACADEMIC PROJECTS

➤ Library Mobile Application

- Developed an android application that enables users to access their profile, information about their borrowed books and with an additional feature to pay fine online.
- **Tech stack** used: React Native
- Link: <https://bit.ly/3HGy6oz>

➤ Student Management System

- A web application to store and manage student data which works as a **document generator**.
- **Tech stack** used: HTML, CSS, Python's Flask web framework and SQL database.

➤ Motion Controlled Virtual Mouse

- Developed a real-time application using Python, OpenCV & other libraries, designed to control the **mouse functions** using **hand gestures**.

➤ College event website

- Developed a website for college's event.
- Link: <https://invento-kle.netlify.app/>

SKILLS

Python HTML CSS JavaScript React (Basics)
SQL (Basics) Core Java GitHub

EDUCATION

Bachelor of Engineering (B.E.)

KLE Dr. MSSCET, Belgaum 2019 - 2023
Aggregate - 9.07 CGPA

Intermediate - 12th

KLE RLS College, Belgaum 2017 - 2019
91.16% (PUC)

Class 10th

Phoenix Public School, Belgaum 2007 - 2017
81.83%

ACCOMPLISHMENTS

- IEEE Vaividhyam - Project Symposium (2022) [🔗](#)
Bagged 1st rank among 20+ teams.
- Best Micro Project (2021) [🔗](#)
5th Semester Project Exhibition
- Best Major Project (2023) [🔗](#)
For Library mobile application

CERTIFICATES & PROFILES

Hackerrank Profile Link [🔗](#)

Python (Basic) [🔗](#)
Hackerrank Certification

Programming for Everybody (Getting Started with Python) [🔗](#)
Coursera Certification

Python Data Structures [🔗](#)
Coursera Certification

PERSONAL DETAILS

Date of Birth: 29th July, 2001.

Languages known: English, Hindi.

[Personal Website](#) [🔗](#)