

## EXPERIENCE

- ❑ **Software Engineer at TCS Research (2023-Present):** Currently, I am focused on building robust text-to-SQL query parsers, leveraging large language models (LLMs) to enhance accuracy, and optimizing algorithms for complex systems. Recent work includes developing an algorithm for selecting most precise schema for query generation.  
**Tech Stack:** Python, Langchains, PostgreSQL, SQLite3, LLM, Embeddings, SQLALchmey, Pandas, Java, JOOQ.

## EDUCATION

- ❑ **Bachelor Of Technology in Information Technology (2021 – 2023)**  
Government College of Engineering, Karad.  
CGPA: **9.08**
- ❑ **Diploma In Computer Engineering (2017 - 2020)**  
Government Polytechnic, Miraj. *Percentage: 93.66%*
- ❑ **Secondary (SSC) (2017)**  
Ideal English School, Miraj. *Percentage: 93.80%*

## TECHNICAL SKILLS

- ❑ **Languages:** Python, Java, JavaScript, SQL.
- ❑ **Web Dev:** Spring Boot MVC, Hibernate-JPA, Microservices, RESTful APIs, HTML/CSS/JS, Flask.
- ❑ **Android Dev and Database:** Native Android Java, Flutter, SQLite, Firebase.
- ❑ **Developer Tools and Technologies:** VS Code, Android Studio, MongoDB, Bootstrap, Git, GitHub, POSTMAN.
- ❑ **Coursework:** Database Management System, Data Structures, Operating System, Computer Networks.

## INDUSTRIAL TRAININGS

- ❑ **Data Science with Python (02/2021 - 03/2021)**  
CodeNautics Technologies, Pune  
*-I have worked under the supervision of project mentor & learnt python libraries like NumPy, pandas, etc.*
- ❑ **Amazon AWS (06/2022 - 07/2022)** Sensix infotech Pvt. Ltd. Aurangabad  
*-I have learnt various services and resources of AWS such as EC2, S3, Load Balancer, etc.*
- ❑ **Hardware & Network Troubleshooting (05/2019 – 07/2019)** Domain Computer Education, Sangli  
*-Completed Industrial Training in Hardware and network troubleshooting.*

## PUBLICATIONS

- ❑ **Voice Authentication and Identification using FBanksNet.**  
Study on voice authentication and identification system using various deep learning methods.
- ❑ **A survey on various phishing website detection techniques and methods.**  
Tools and techniques for detecting phishing websites.
- ❑ **A Survey on Applications of Geo Tagging**  
A Survey on various application of geo tagging systems.

## ACHIEVEMENTS

- ❑ Second Prize Winner in Capstone Project 2020  
Government Polytechnic, Miraj
  - ❑ Third Prize in GCEK Kavach Hackathon 2023.
  - ❑ 350+ problems solved on various coding platforms.
  - ❑ Secured 2<sup>nd</sup> rank in MSBTE Examination in Summer 2018 and Summer 2019.
- Participated in GCEK Hackathon 2022 (Top 15 rank)

## PERSONAL PROJECTS

- ❑ **Institute Level Exam Management System.**  
-An Exam Management System software for exam attendance, seating arrangement developed in java using NetBeans and MS Access as a database
- ❑ **Barter Trading App.**  
-Build an android application for Barter exchange system between users using flutter and dart language and Firebase firestore as a database.
- ❑ **University Program Management.**  
-Build a university program management website using Spring Boot with Thymeleaf, Spring MVC, Spring Data JPA, Hibernate, RESTful APIs, MySQL.
- ❑ **Voice Authentication System.**  
-Web application for voice authentication and identification using Deep learning. Technology used: Python, flask, HTML, JavaScript, and mongo db.
- ❑ **HerSafety Android App.**  
-Build an android application for women to tracking and send their live location along SOS alert SMS to the selected contacts and police station.