SHERAZ AKHTAR

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Education

University of Gujrat   Gujrat, Pakistan
Bachelor of Information Technology   2018 – 2022

Skill Summary

Languages: Java, SQL, Javascript, Python, HTML, CSS

Frameworks: Spring Boot, Nodejs, React, Tailwind

Tools: SVN Version Control, Github

Platforms: Eclipse, VS-Code, MS SQL Server, Google Colab, PostgreSQL

Soft Skills: Problem Solving, Decision Making, Flexibility, Leadership, Excellent Communication.

Professional Experience

Taqsoft   Rawalpindi, Pakistan
Designing and developing backend systems.
Software Engineer   *Feb 2023 – Present*
- Designed and developed robust and efficient APIs leveraging Java Spring Boot and SQL.
- Created and maintained databases for various EHRs, POS systems, and e-commerce websites using MS SQL Server.
- Optimized data flow between frontend and backend by utilizing JPA and Hibernate effectively.

Projects

Expense Tracker (Spring Boot, PostgreSQL, React)   **Link**
Pet project for individual and group monthly expense tracking.
Personal Project
- Implemented JWT and 2FA for security.
- Integrated and Utilized PostgreSQL with the help of Spring Data JPA.
- Utilized React for frontend and integrated it with restful apis developed using spring boot.

EMOTION RECOGNITION FROM SPEECH (Python)
Final year project based on machine learning for recognizing emotions from voice input.
Final Year Project
- Trained a machine learning model using MLP Classifier and the RAVDESS dataset to recognize emotions from speech input.
- Developed a recommendation engine to scrape IMDB and suggest movies based on the emotion detected by the ML model.
- Presented the project successfully, achieving an 80% final evaluation.

Interests and Hobbies

- Book Reading
- Movies and Series
- Video Games