Nifra Wahaj

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EDUCATION

FAST- NU (Lahore)
Bachelor's in Software Engineering.   **Expected June 2025**

Relevant Coursework:
• Web Engineering • Artificial Intelligence • Human Computer Interaction
• Software Design & Architecture • Design & Analysis of Algorithms • Software Requirements
Engineering • Software Quality Engineering

TECHNICAL SKILLS

Programming: • JavaScript • HTML/CSS • Python • C/C++ • Java
Frameworks: • React • NodeJS • Express • Bootstrap • Java Swing • Spring
Tools/Database: • Git/Github • MongoDB • MS SQL Server • MySQL • Figma

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PROJECTS

MERN Film Review Platform
- Led a comprehensive film review platform development initiative utilizing the MERN stack.
- Developed and managed admin functionalities for movie uploads, review moderation, and content management.
- Designed user-friendly features enabling film reviews, search functionality, and community interaction, with a focus on security and responsive design for seamless user experience.

Cafe Website
- Developed a dynamic website using HTML, CSS, JavaScript, Flask, and MySQL.
- Features include menu browsing, order placement, reservation booking, sales analysis, and reservations management.

Music Web Application
- Developed a Java and Servlet-based web application with a primary focus on software architecture and design patterns.
- Enabled features such as music streaming, playlist creation, and artist following with a focus on optimal system design.

Recommender System
- Developed a personalized music recommendation system using Python.
- Allows users to input song and receive recommendations for similar tracks based on custom KNN models and custom similarity.

Pharmacy POS
- Utilized Test Driven Development to build a Java Swing desktop application.
- Facilitates sales and inventory management in pharmacy settings.

SOFT SKILLS
- Problem-Solving
- Teamwork
- Time Management

INTERESTS
- UX/UI Design
- Quantum Computing Exploration
- Sustainable Technology Solutions