TEHREEM FATIMA

SOFTWARE ENGINEER

CONTACT

- Gulshan e iqbal
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TECHNICAL SKILLS

- Programming Languages: PHP, JavaScript, C#, Python, Dart, HTML, CSS

- Frameworks & Libraries: Laravel, ASP.NET MVC Core, React, Flutter, Bootstrap

- Databases: MySQL, SQL Server, Firebase

- Tools & Technologies: RESTful APIs, Git, GitHub, GitLab, Bitbucket, Vercel

- Software: Microsoft Office Suite (Word, Excel, PowerPoint)
  Soft Skills:
  Problem Solving, Attention to Detail, Communication , Team Collaboration, Decision Making

LANGUAGES

- English (Fluent)
- Urdu (Native)

ABOUT ME

Detail-oriented Software Engineering student with hands-on experience crafting full-stack web applications. Proficient in building responsive, efficient, and intuitive solutions using modern technologies, with a strong focus on performance optimization and user experience. Driven by a passion for solving real-world problems through clean, maintainable code and thoughtful design. Eager to collaborate on challenging projects and contribute to teams that value innovation, quality, and continuous improvement.

PROJECTS & TECHNICAL EXPERIENCE

Full-Stack Web Development
- Developed and deployed multiple client and personal websites using PHP, MySQL, and Laravel framework
- Improved website responsiveness and reduced load times by up to 30% through code optimization
- Designed and implemented dynamic, responsive user interfaces using HTML, CSS, Bootstrap, and JavaScript
- Enhanced user engagement and accessibility through intuitive UI/UX design

API Development & Integration
- Built RESTful APIs for form submissions and user authentication systems
- Implemented secure data exchange mechanisms ensuring data integrity and user privacy
- Integrated third-party APIs for enhanced functionality

Database Management & Optimization
- Optimized MySQL database queries to reduce execution time and improve overall performance
- Designed normalized database schemas for efficient data storage and retrieval
- Implemented database backup and recovery procedures

Movie Management System
- Developed full-featured CRUD application using PHP and MySQL
- Enabled users to add, update, delete, and view movie records efficiently
- Implemented search and filter functionality for improved user experience

Restaurant Management System
- Built comprehensive management system using ASP.NET MVC and SQL Server
- Created modules for menu item management, order processing, and staff role administration
- Implemented role-based access control for secure operations

Mobile Application Development
- Developed cross-platform mobile applications using Flutter and Dart
- Integrated Firebase for real-time database, authentication, and cloud storage
- Implemented responsive UI designs for optimal mobile user experience

WhatsApp Automation System
- Developed custom Python-based automation system for client communication
- Integrated website contact forms with WhatsApp API for real-time message delivery
- Streamlined client communication workflow and reduced response time

Version Control & Collaboration
- Utilized Git and GitHub for version control and collaborative development
- Managed code repositories using GitLab and Bitbucket
- Deployed applications using Vercel and other hosting platforms

EDUCATION

Bachelor of Science in Information Technology
(Expected 2028)
Virtual University of Pakistan | 2024 - 2028

Certification in Software Engineering (In Progress)
Aptech Learning Pakistan | 2024 - 2026

Higher Secondary Certificate - Pre-Engineering
Al Badar College | Grade: A | 2021 - 2023

Secondary School Certificate - Science
Al Badar Higher Secondary School | Grade: A-One | 2008 - 2021