

ABDUL REHMAN

SOFTWARE DEVELOPER

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CAREER SUMMARY

Passionate Developer with 2 years of industry experience. Expert in building Angular web apps and .NET Web API (C#) solutions, along with desktop applications using Windows Forms and WPF. Strong in database management, object-oriented programming, full-stack development, and creative problem-solving.

PERSONAL ATTRIBUTES

Honest and accountable | Diligent and organized | Punctual and reliable | Adaptable and flexible
Team player with strong communication skills | Technologically competent and quick learner

EDUCATION AND CERTIFICATION

Bachelor's degree University of Engineering and Technology Lahore	2023 (Present)
Intermediate Kips College Multan	2021-2023

TECHNICAL SKILLS

Coding | Angular, .NET (C#) | Desktop App Development (Windows Forms, WPF) | Database Management | Object-Oriented Programming | Full-Stack Development | Problem Solving | Selenium | S3 Servers | CI/CD automations

WORK EXPERIENCE

Full Stack Developer, Desktop Developer & DevOps | Texel Technologies Sep 2024 – Present

- Engineered a real-time medical billing app with secure file management using S3 and WSABI, reducing manual record handling by 30%.
- Created a comprehensive company portfolio website with blog support and Cloudflare CDN, enhancing global performance and reliability.
- Established user and employee management with role-based access, boosting system security and team accountability.

Full Stack Development Internship | WordSense (Onsite) April 2024 – Sep 2024

- Collaborated on Angular projects with dynamic, responsive UIs, adhering to clean architecture for scalable development.
- Constructed and integrated backend services using C# and REST APIs, improving data flow and application performance.
- Acquired hands-on experience with Angular state management and best practices in front-end development.

PROFESSIONAL DEVELOPMENT

Chat Circle : [Link to project](#)

Company Project

A real time communication app

Technologies: Angular, .NET Web API, Web sockets, NPM, MSSQL

- I developed a chat application named Chat Circle, designed for internal company communication among team members.
- Engineered a real-time communication app for internal company use, integrating peer-to-peer and channel-based communication using Web Sockets.
- Integrated CICD pipelining for automated deployments.

CampusCircle : [Link to project](#)

Department Project

Technologies: Angular 18, TypeScript, C# .NET, PostgreSQL, JWT, Google OAuth, Tailwind CSS

- A comprehensive web application for academic institutions with role-based access for students, administrators, and faculty members.
- Implemented secure multi-step authentication with JWT tokens, Google OAuth integration, password reset functionality, and email verification systems.
- **Core Features** - Student enrollment, course management, attendance tracking, analytics dashboards, workspace management, and user settings with comprehensive form validation and error handling.

BookLeaf : [Link to Project](#)

Personal Project

Book store application with all frontend and backend operations

Technologies: Angular, .NET Core web API, ImageBB, MonsterAsp.Net, Signals

- Developed BookLeaf, a full-stack e-commerce app with Angular/TailwindCSS frontend and .NET 8/C# backend, featuring secure authentication, email verification, and responsive multi-step checkout.
- Integrated **Dapper** with stored procedures for optimized DB access, built a transactional email system with **MailKit**, and implemented image handling via **imgbb API**
- Built a mobile-friendly **admin panel** with workflows for book approvals, inventory tracking, and sales analytics.

DATABASE PROJECT : [Link to project](#)

Educational Project

Lightweight Command-Line-Based Database Engine

Technologies: C language, B+ Trees, Linux, Vim, Python, and Command-Line Interface.

- Constructed a lightweight, command-line-based database engine in C, inspired by SQLite, to explore core database system principles.
- Implemented essential database functionalities, including **inserting**, **selecting**, **updating**, and **deleting** operations.
- Enhanced data retrieval efficiency using **B+ Tree indexing**, ensuring optimized storage and fast querying.
- Automated testing and validation using Python with pytest.

KLONDIKE SOLITAIRE GAME : [Link to project](#)

Educational Project

Classic Card Game Implementation in WPF app

- Developed a browser-based implementation of the classic Solitaire Klondike game, utilizing data structures such as stacks, queues, and lists.
- Designed the game's logic to handle all aspects of Solitaire, including managing the stockpile, waste pile, foundations, and tableau.
- Implemented core components such as drag-and-drop actions, card movement, win condition checks, and move validations XAML and C#.
- Created modular classes for efficient code management, including separate modules for Stack (tableau, waste pile, foundations), Queue (stockpile), Deck (card shuffling and dealing), and Card (attributes and behavior).

ACHIEVEMENT

- Hacker rank C# Certificate
- Hacker rank SQL Certificate
- Hacker rank Angular Certificate
- Hacker rank Problem Solving Certificate
- Hacker rank Basic JavaScript Certificate
- Hacker rank Basic Python Certificate