



ZAIN FATIMA

Software Engineer



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Highly motivated software engineering student with a keen analytical mindset and a passion for creating innovative solutions. Proficient in logical problem-solving, Object-Oriented Programming, and Data Structures, eager to apply these skills in real-world projects. A collaborative team player committed to excellence, seeking opportunities to contribute to cutting-edge software development initiatives while continually expanding knowledge and skills in the field.

EDUCATION

University of Punjab, PUCIT

BS in Software Engineering
2020 - 2024

Lahore College For Women University(LCWU)

Pre Engineering
2018 - 2020

TECHNICAL SKILLS

- Python, Java, .Net, C#, PHP, C++, MySQL, JS, React, JQuery
- HTML/CSS, Figma, WordPress
- AWS, Azure, DBMS, GitHub
- Solid OOP and DSA expertise
- Power Platform, D365 F&O
- Web Development & Designing

GENERAL SKILLS

- Problem Solving, Critical Thinking
- Great Communication Skills
- Time Management, MultiTasking
- Creativity, Adaptability

AWARDS

- 5th position in Web Hackathon
- Microsoft Badges
- Best Performance Award
- HackerRank Certificates

INTERESTS

- Cloud Computing
- Full Stack Developer
- AI/ML
- Data Science

HOBBIES

- Coding Competitions, Reading, Cooking, and Watching.

PROJECTS

CareSwift | FYP

- Revolutionized homecare accessibility through a state-of-the-art interface, powered by robust technologies including .NET and C#. Seamlessly connecting users with skilled professionals, CareSwift ensures convenience and reliability with just a few clicks. This Final Year Project represents a significant breakthrough in enhancing homecare solutions, addressing critical needs with innovative technology.

DairyBOT | Automated Dairy Farm System

- Elevated dairy farming practices through a semester project, leveraging PHP, JavaScript, HTML, and CSS for automation via DairyBot. Spearheaded streamlined farm management, optimizing efficiency and operational intuitiveness. Pioneered innovative technological integration for the future of dairy agriculture.

Online Grocery Shop

- Facilitated seamless online grocery shopping experience with a Java, MySQL, and JSP Servlets-driven platform, boasting an elegant HTML/CSS/JavaScript interface. Effortlessly navigate and discover your desired grocery items with ease.

Web Scrapping Project

- Extracted 70 Software Requirement Engineering topics from Wikipedia, utilizing Python to categorize each requirement into 'Difficult' or 'Easy', offering comprehensive insights for enhanced comprehension.

Spotify Recommendation Engine

- Engineered machine learning models utilizing classification algorithms to predict user song preferences, leveraging data analysis, collaborative filtering, and classifiers. Evaluated parameters like energy and musicality for precise predictions.

Smart Build Solution

- A WordPress website crafted and hosted independently, offering innovative solutions tailored to clients' needs. Developed from scratch, it provides seamless navigation and dynamic features to streamline business processes and enhance user experience.

Letter Play App

- Designed with Android Studio using Java and XML for intuitive navigation and user interaction. Tailored to enhance letter recognition skills in children, providing engaging features for interactive learning and development.

WORK EXPERIENCE



WEB DEVELOPER INTERN | MAY 2023 - OCT 2023

CofCode Technologies LTD



BUSINESS DEVELOPER MANAGER | FEB 2023 - MAY 2023

Smart Build Solution LLC

CERTIFICATES



**Foundational C#
With Microsoft**
freeCodeCamp



**Alpha Microsoft
Student Ambassador**
Microsoft



**Power Platform
Fundamentals**
Microsoft



**Google UX Design
Specialization**
Google



**Data Analysis
using Excel**
upGrad



Python
HackerRank