Abdul Rahman

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Education

University of Engineering and Technology, Lahore

Sept 2023 - Present

BS in Computer Science • CGPA: 3.6/4.0

Technical Skills

Programming Languages: Python, C++, C, JavaScript, SQL, C#.

Frameworks and Libraries: Django, Flask, Streamlit, .NET, Tkinter, Reflex, Flet.

DevOps Tools: Django, Flask, Streamlit, .NET, Tkinter, Reflex, Flet.

Docker, Git, GitHub, GitLab, Vercel, Render, Azure.

Databases: PostgreSQL, MySQL, SQLite, Microsoft SQL Server, Access.

UI/UX: Adobe Illustrator, Adobe Photoshop, Figma.

Markup and Style: HTML, CSS, Markdown, LaTeX.

Experience

Backend Developer

2023 - Present

Freelance (Self Employed)

• Developed backend systems for web applications using Django, Flask, and .NET, including RESTful APIs, authentication, and database management.

Graphic Designer 2021 - 2023

Freelance (Self Employed)

o "Directed and designed marketing materials for clients, including UI/UX design, branding, and social media content.

Projects

Automated Menu Ordering System Z

Tech Stack: C#, WinUI 3

• Built a .NET application using WinUI 3 to automate the process of ordering food from a menu.

HiAnime to MyAnimeList Transfer Tool

Tech Stack: Python, Django, HTML, CSS, JavaScript

• Streamlined the process of transferring anime lists from HiAnime to MyAnimeList using a Django web application.

Google Classroom Notifications System 🗹

Tech Stack: Python, Django, Google Classroom API

Designed a Django-based API to send notifications for new assignments and announcements on Google Classroom.

WhatsApp API Integration System

Tech Stack: Python, Django, OpenAI's GPT

• Engineered a Django-based API to integrate WhatsApp with OpenAI's GPT-3 for generating responses.

Console Utility Z

Tech Stack: C++

• Built a C++ library to create console-based applications with features like text formatting, input validation, and cursor control.

Context Menu Plugin Manager 🗹

Tech Stack: Python, Flet

o Created a Python-based utility to manage context menu plugins for extending functionality in various directories.

Markdown Badge Generator

Tech Stack: Python, Streamlit

o Streamlined the process of generating markdown badges for markdown files using a Streamlit web application.

Prize Bond Finder 🗹

Tech Stack: Python, Tkinter

• Developed a desktop application to streamline the management and tracking of prize bonds.