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

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

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

# Experience

Backend Developer 2023 - Present

Freelance (Self Employed)

• Developed backend systems for clients using Django, Flask, and .NET, including REST APIs, web applications, and automation scripts.

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**

## 10x Pretender

Tech Stack: TypeScript, VSCode API

• Built a VSCode extension to make you look like a coding genius by simulating realistic typing from your clipboard.

## AI LaTeX Helper 🗹

Tech Stack: TypeScript, VSCode API, Gemini

Developed a VSCode extension to assist users in writing LaTeX documents using AI-based suggestions.

#### 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.

# Terminal Based Rich Text Editor Z

Tech Stack: C++

• Built a C++ application to edit rich text files in the terminal with features like syntax highlighting and formatting.

## Automated Menu Ordering System 🗹

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 Z

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

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

## WhatsApp API Integration System Z

Tech Stack: Python, Django, OpenAI's GPT

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

# Markdown Badge Generator 🗹

Tech Stack: Python, Streamlit

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

## Minecraft Hotkey Map Generator

Tech Stack: Python

• Designed a Python script to generate a map of hotkeys for Minecraft based on the user's keybinds.