

Muhammad Uzair

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Summary

Generative AI Engineer and Full-Stack Developer with expertise in **Python, FastAPI, and Next.js**. Open to learning and contributing as an **AI & Full-Stack Developer**, building innovative digital solutions. Collaborative team player focused on solving real-world problems and contributing to impactful AI projects

Education

- ❖ **Bachelor of Business and Information Technology** (Dec 2022 – Present)
University of Engineering and Technology, Lahore
3.5 CGPA
- ❖ **FSc Pre-Engineering** (2020 – 2022)
Barrett Hodgson International College, Toba Tek Singh
A+ Grade
- ❖ **Matriculation** (2018 – 2020)
Prime Roots Public School, Toba Tek Singh
A+ Grade

Work Experience

Agentic AI & Backend Developer

Cartlow — May 2025 to Present

Developing Agentic AI systems using LangChain, CrewAI, and LLMs to automate business processes and enhance decision-making workflows. Designed and optimized backend APIs with FastAPI and Django, ensuring scalability, performance, and seamless integration with frontend systems. Built AI-powered features such as data summarization, chatbot automation, and intelligent content generation.

Skills

- **Programming Languages:** Python | JavaScript | TypeScript |
- **Front End Web-Dev:** Html | CSS | Tailwind CSS | Bootstrap | JavaScript |
- **Back End Web-Dev:** Node js | Express js| Mongoose | MongoDB |Next JS
- **Back End Web-Dev (Python):** Django | FastApi | Flask
- **Generative Ai:** LLMs | Langchain | LangGraph | CrewAI | SDK | Gemini | Custom Gpts
- **Libraries :** Numpy | Pandas | Matplotlib
- **Others:** Data Structures | OOPs | Problem Solving.

Projects

1. [Agentia \(Ai base website\)](#) | A complete website featuring my Ai tools and other projects
2. [Complete Multipage Website \(Tailwind Css\)](#) | focusing on modern UI/UX with a responsivedesign.
3. [FOODAPP\(DJANGO\)](#) | CRUD operation,html ,tailwind css and js as frontend and Django as Backend
4. [CV Generator\(DJANGO\)](#) | Built with Python and Django that automates CV creation
5. [Rock, Paper, Scissors Game \(Javascript\)](#) | A simple yet fun interactive
6. [Complete Ai Application with multiple features](#) | Agentic AI applications using LangChain and LLMs,
7. [Blackjack Game \(Python\)](#) | Built by using Python,
8. [AI Email responder \(Gen Ai\)](#) | The complete automatic ai based email responder

Certificates:

- [Crash Course on Python \(Google\)](#) 
- [Artificial Intelligence and Machine Learning \(UET\)](#) 
- [Introduction to HTML, CSS, & JavaScript \(IBM\)](#) 
- [AI For Everyone \(DeepLearning.AI\)](#) 
- [Career Essentials in Generative AI \(Microsoft and LinkedIn\)](#)
- [Introduction to FastAPI Framework\(Duke University\)](#) 
- [T3 Stack \(TypeScript, Tailwind CSS, Next.js\)](#) 

Generative Ai Apps

9. [Pdf Summarizer](#) | Automatically extracts key insights and summaries from lengthy PDF documents.
10. [Video summarizer](#) | Generates concise summaries from video content using AI-powered analysis.
11. [Image summarizer](#) | Analyzes images and produces short, meaningful text descriptions.
12. [Ai Text to image creator](#) | Converts written prompts into high-quality, realistic AI-generated images.
13. [Ai Translator](#) | Instantly translates text between multiple languages using generative AI models
14. [Ai English Tutor](#) | Interactive AI tutor that helps users improve grammar, vocabulary, and writing skills.
15. [Article writer](#) | Creates well-structured, SEO-friendly articles from short prompts or ideas.
16. [News searcher](#) | Finds and summarizes the latest news articles based on user queries.
17. [Trip planner crew](#) | AI crew that plans personalized trips, including destinations, schedules, and budgets.
18. [Book writer Crew](#) | Generates creative storylines, chapters, and book drafts collaboratively using AI agents.