

FATEH ALI AAMIR

Software Engineer

Contact: +92-302-4687225

Email: fatehaliaamir2100@gmail.com

Github: github.com/fatehaliaamir2100

Linkedin: linkedin.com/in/fateh-ali-aamir

SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript, Ruby
- **Backend Frameworks:** FastAPI, Flask, Django, Node.js, Express.js, Nest.js, Fastify, Rails
- **Relational Databases:** MySQL, PostgreSQL
- **NoSQL & Vector Databases:** MongoDB, Pinecone, Elasticsearch, AWS OpenSearch, Firebase
- **Frontend Development:** HTML, CSS, JavaScript, React.js, Tailwind CSS
- **Generative AI:** OpenAI Chat Completions/Assistants API, Unislo, LangChain, Ollama
- **System:** RabbitMQ, Genesis Cloud, AWS EC2, AWS S3

WORK EXPERIENCE

Dubizzle Labs - Lahore

Oct 2023 - Present

Software Engineer

- Developed RAG-based Chatbot using OpenAI, Langchain and AWS OpenSearch.
- Developed an audio transcription system using Nest and OpenAI's Whisper model
- Developing backend apps with multiple languages and frameworks: Python, Typescript, Javascript, Node, Nest
- Developing API endpoints using various middleware: Express, Fastify, FastAPI
- Solid experience with MySQL Proficient with Vector Databases such as Pinecone and AWS OpenSearch
- Using Git and GitHub for version control
- Developing AI-based solutions using OpenAI Tools: GPT-4, Whisper, Completions API, Assistants API
- Using Docker for application deployments

Headstarter AI - New York (Remote)

Jun 2024 - Aug 2024

Software Engineering Fellow

- Built a Personal Portfolio website in HTML, CSS and Javascript
- Built a Pantry Tracker with ReactJS, NextJS, Firebase
- Built an AI Customer Support Agent with OpenAI, NextJS and AWS

PROJECTS

- **SQL-Based Database Chatbot**
 - Python, OpenAI GPT-3.5, MySQL, LangChain
- **Personalised Flashcard Generator using Ollama**
 - Python, Meta Llama 3, Ollama, LangChain
- **Voice-based English Tutor Chatbot**
 - Python, Flask, OpenAI GPT-4, Embeddings Model, TTS, Whisper, LangChain, HTML, CSS, Javascript
- **Email-to-Task Analyzer AI**
 - Python, OpenAI GPT-4, LangChain
- **Node-based Business Chatbot**
 - Javascript, Node, Express, MongoDB, Anthropic Claude, OpenAI Embeddings Model, LangChain

EDUCATION

National University of Computer and Emerging Sciences

2019 - 2023

Bachelor of Science in Computer Science

Beaconhouse School System

2017 - 2019

A Levels

Beaconhouse School System

2014 - 2017

O Levels