FATEH ALI AAMIR
Software Engineer

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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
- **Frontend Development**: HTML, CSS, JavaScript, React.js, Tailwind CSS
- **Generative AI:** OpenAI Chat Completions/Assistants API, Unsloth, 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

EDUCATION

National University of Computer and Emerging Sciences
Bachelor of Science in Computer Science

PROJECTS

- **SQL-Based Database Chatbot**
  - *Python, OpenAI GPT-3.5, MySQL, LangChain*

- **Peronsalised 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**
  - *Javasscript, Node, Express, MongoDB, Anthropic Claude, OpenAI Embeddings Model, LangChain*