

# Qazi Muhammad Waiz

Backend Engineer | Python | Django | Flask | Scalable API Systems

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|                |                                                                                                                                                                                                                                                                                                                                                     |                                                                  |                                                                                                                                                                        |                                                             |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Profiles       |  <a href="#">waize333</a>                                                                                                                                                                                                                                          |                                                                  |  <a href="#">Qazi Muhammad Waiz</a>                                                   |                                                             |
| Summary        | Backend engineer focused on building fast, secure, and reliable APIs. I design scalable server-side systems in Python, Django, and Flask that streamline operations, improve reliability, and deliver measurable business value.                                                                                                                    |                                                                  |                                                                                                                                                                        |                                                             |
| Experience     | <b>Freelance</b><br>Freelance Backend & AI Engineer                                                                                                                                                                                                                                                                                                 |                                                                  | <b>2024 – Present</b><br>Remote                                                                                                                                        |                                                             |
|                | <ul style="list-style-type: none"><li>Developed backend systems and APIs for AI-based automation and trading applications.</li><li>Built and deployed Python-based services with Flask and Django for fintech and AI clients.</li><li>Integrated authentication, caching, and logging mechanisms to optimize performance and reliability.</li></ul> |                                                                  |                                                                                                                                                                        |                                                             |
| Education      | <b>Institute of Business Administration</b>                                                                                                                                                                                                                                                                                                         | <b>2023 – 2027</b><br>BS Computer Science                        | <b>Cedar College</b>                                                                                                                                                   | <b>2021 – 2023</b><br>Mathematics & Statistics<br>A-Levels, |
|                | <b>Habib Public School</b>                                                                                                                                                                                                                                                                                                                          | <b>2010 – 2021</b><br>Mathematics & Computer Science<br>O-Levels |                                                                                                                                                                        |                                                             |
| Projects       | <b>AI Assistant Pro</b><br>Flask   Transformers   Docker <ul style="list-style-type: none"><li>Developed a contextual GenAI chatbot with memory, RLHF, and web search integration.</li><li>Enables real-time business support and scalable customer interaction.</li></ul>                                                                          |                                                                  | <b>Ft-Bot (Futures Trading Bot)</b><br>Python   PyQt6   ccxt<br><br>Created backend logic to automate trade execution with position tracking and live market data.     |                                                             |
|                | <b>Career Coaching App</b><br>Flask   LangChain   OpenAI API<br><br>AI career coach generating resumes, cover letters, and job-search guidance through chat.                                                                                                                                                                                        |                                                                  | <b>AI Translation Assistant</b><br>WatsonX   Flask   WebRTC<br><br>Created a real-time multilingual translation tool combining speech recognition and LLM translation. |                                                             |
| Skills         | <b>Languages</b><br>Python, JavaScript/TypeScript, C++, SQL                                                                                                                                                                                                                                                                                         |                                                                  | <b>Frameworks &amp; Libraries</b><br>Django, Flask, Node.js, React, Next.js, PyTorch, TensorFlow, LangChain, Hugging Face                                              |                                                             |
| Certifications | <b>IBM Generative AI Engineering</b><br>IBM                                                                                                                                                                                                                                                                                                         | <b>July 2025</b>                                                 | <b>Meta Back-End Developer</b><br>Meta                                                                                                                                 | <b>December 2024</b>                                        |
|                | <b>Data Engineer Associate</b><br>DataCamp                                                                                                                                                                                                                                                                                                          | <b>Feb 2025</b>                                                  | <b>Data Analyst Associate</b><br>DataCamp                                                                                                                              | <b>Jan 2025</b>                                             |