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| **Ahsan Bilal**  Python Developer | ahsanbilalaziz@gmail.com  [www.linkedin.com/in/ahsan-bilal-khan- 14235b212](http://www.linkedin.com/in/ahsan-bilal-khan-%2014235b212)  +923219056039  Faisalabad,Pakistan |

**QUALIFICATIONS SUMMARY**

Enthusiastic Python Developer with hands-on experience in AI, machine learning, and web development. Skilled in solving complex problems with strong problem-solving abilities. A continuous learner with a keen interest in large language models, machine learning, and emerging technologies. Recognized for innovation and leadership in tech projects.

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| Soft Skills   * Adaptability * Documentation * Problem Solving * Project coordination * Continuous Learning * Attention to Accuracy * Effective Communication | Technical Skills   * Data Analytics * Version Control * Generative AI LLMs * Machine & Deep Learning * REST API Development * Security and Data Protection * Event-driven Programming | Languages & Tools   * Python & SQL * Git & Github * Django & Flask * MS Azure, AWS * Tensorflow, Scikit Learn * JavaScript, HTML5, CSS3 * ORM Libraries |

**EDUCATION**

**Bachelors of Computer Science**

The University of Faisalabad • Faisalabad, Pakistan • 2019-2023

**Diploma of Artificial Intelligence & Computing**

Presential Intiative for Artificial Intelligence & Computing • 2020-2022

**PROFESSIONAL EXPERIENCE**

**Technupur, Faisalabad Jan 2024 – Present**

**Jr. Data Scientist**

Started as a Power Platforms Developer, swiftly transitioning into the AI field, fueled by a longstanding passion. I've led projects in OCR, LLMs GenAI, and advanced NLP.

**Projects**:

* *Engaged in Pythonic AWS projects, including an ETL process that transformed trip data, calculated CO2 emissions, and stored results via Lambda and Fargate deployment.*
* *Developed custom large language models (LLMs) using Azure AI*
* *Conducted OCR projects to extract data from PDFs.*
* *Collaborated with the data engineering team on handling database data loads.*
* *Utilized Hugging Face for model optimization with techniques like LoRA and QLoRA*.*.*

**6 Months**

**Power Platforms Developer**

Intern turned full-time Power Platforms Developer, led projects and mentored interns. Designed and developed various client and internal projects, such as intranet systems and automated workflows:

**Projects:**

* *Led development of intranet system using Power Apps and Power Automate & Sharepoint.*
* *Built OCR systems and automated workflows with AI Builder, Power Apps, Power Automate, and Power BI.*
* *Implemented SharePoint solutions with custom SPFx components using React for clients and internal use.*

**FINAL YEAR PROJECT**

* *Developed a comprehensive system using Django for user authentication as the backend.*
* *Created a Flutter application for the frontend, providing a seamless user experience.*
* *Utilized Flask for API development to integrate a custom machine learning model.*
* *Implemented end-to-end functionality, from user registration and login to data processing and ML predictions.*

**LICENSES & CERTIFICATIONS**

**Microsoft Technology Associate (MTA) - Exam 98-381 Introduction to Programming Using Python**

Microsoft, , 2021

**License Career Essentials in Generative AI**

Microsoft, 2023

**Achievements**

* Grand prize winner in China-Asean International IoT Competition 2023.
* Selected for the Prime Minister's Innovation Program, ranked among the top 250 out of 12,000 projects by NUST.
* Top 10 participant in the Lyallpur Innovation Competition organized by TUF.
* Ranked in the top 20 in the All Pakistan Business Plan Competition 2.0 organized by National Textile Faisalabad.