

# Muhammad Ahsan

Artificial intelligence Engineer

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## PROFILE

As an Artificial Intelligence graduate from the University of Management and Technology with specialized expertise in Agentic AI, I have a passion for applying AI to foster innovation and streamline efficiencies. I have acquired multiple Coursera certifications in Data Analysis and Python 3, enabling me to deliver scalable analytics that drive business success in various projects.

I have bolstered my practical skills through a hands-on internship in Artificial Intelligence with Mentoga and gained experience in the Internet of Things (IoT) and cybersecurity domains, working as an IoT Specialist at UMT for six months. I have bridged the gap between digital and physical systems and ranked among the top three global hackers on TryHackMe. I have also earned a Certified Ethical Hacker (CEH) credential and used my cybersecurity skills to fortify data architectures and conduct forensic investigations.

Additionally, I have a niche expertise in HackRF and Software Defined Radio (SDR) technology, with applied projects in wireless communications and RF data interpretation. This skill set highlights my ability to innovate in the evolving landscape of connected technologies. As a creative technologist, I have also conceived and developed WordPress sites and Flutter applications.

I am actively seeking career opportunities where I can utilize my unique combination of AI acumen and data analysis sophistication. I am driven by projects that challenge the conventional and lead to significant breakthroughs. If your enterprise values a strategic approach to data and innovation, I invite you to connect with me.



## WORK EXPERIENCE

Summer 2025

**Mentoga**

**Artificial Intelligence Intern —**

- Successfully completed a hands-on internship program centered on Artificial Intelligence.
- Recognized for demonstrating exemplary skills and commitment throughout the program.

07/2020

Punjab, Pakistan

**Co owner**

**Wanhar impex pvt ltd**

- Developed expertise in Data Analysis, utilizing Python to perform in-depth analysis, which enhanced the quality and depth of insights provided to stakeholders.

- Conducted Data Visualization projects to present complex data sets in a clear and understandable way, helping team members make informed decisions.
- Engaged in Data Science initiatives, applying machine learning techniques to solve real-world problems, which improved efficiency in data processing tasks.
- Executed Exploratory Data Analysis to uncover trends and patterns in data, providing valuable context that guided strategic planning. Implemented
- Statistical Data Analysis methods to validate findings, ensuring accuracy and reliability in reporting outcomes.
- Applied theoretical knowledge to hands-on projects, effectively bridging the gap between academic concepts and practical applications, which fostered a robust learning environment.

03/2022 – 08/2022  
Pakistan

## Internet of Things

### University of Management and Technology – UMT

- Developed and managed various Internet of Things (IoT) projects, which included satellite data analysis and vehicle hacking, enhancing hands-on skills in real-world applications. Executed remote AI-based car projects, allowing for innovative solutions in autonomous vehicle technology. Designed and implemented a CNN (Convolutional Neural Network) machine, which improved data processing capabilities for IoT applications. Explored wireless technologies such as 433 MHz, helping to broaden the understanding of communication protocols in the IoT landscape.



## EDUCATION

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10/2019 – 10/2023

### Artificial intelligence | Bachelor's degree

#### University of Management and Technology – UMT



## CERTIFICATES

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07/2025

### The Complete Agent AI Engineering

Udemy

[ude.my/UC-cca34fbf-cda8-49d2-8a4e-bd81564flc68](https://www.udacity.com/course/complete-agent-ai-engineering)

11/2024

### Global Certificate in Entrepreneurship

DSQ School of Entrepreneurship

<https://certificates.drshahidqureshi.com/muhammad-ahsan/>

10/2023

### Google Advanced Data Analytics Professional Certificate

Google

<https://www.coursera.org/account/accomplishments/professional-cert/BAZCEMWTPFPH>

09/2023

### Python 3 Programming Specialization

University of Michigan

<https://www.coursera.org/account/accomplishments/specialization/RVGVY95PL7EP>

## **Applied ChatGPT for Cybersecurity**

Infosec

<https://www.coursera.org/account/accomplishments/verify/TNEH4T6EMX2U>

## **Build and Sell APIs The Right Way**

LearnWithHasan

## **Data Collection and Processing with Python**

University of Michigan

<https://coursera.org/verify/DCWC2ZR5S387>

## **Business English Communication Skills**

University of Washington

## **Ethical Hacking Essentials (EHE)**

EC-Council

<https://www.coursera.org/account/accomplishments/verify/Q66Q38JWUU4F>

## **Foundations of Data Science**

Google

<https://coursera.org/verify/QP3AZ939UDH8>

## **Fundamentals of Visualization with Tableau**

University of California, Davis

<https://www.coursera.org/account/accomplishments/verify/YNMP57NCD2M4>

## **Google Advanced Data Analytics Capstone**

Google

<https://www.coursera.org/account/accomplishments/verify/877G3859BA6B>

## **Hope to Skill Free AI Basic Course Batch 01**

Xeven Solutions

## **How To Build a SAAS on WordPress**

LearnWithHasan