



## Iftikhar Ahmad

**Date of birth:** 01/02/1997 | **Nationality:** Pakistani | **Phone number:**

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### ABOUT ME

Versatile Professional Specializing in software development, data analysis, machine learning and graphic design. I have worked on high-precision systems for crash simulations, created user-friendly web apps, and designed visually captivating content. Passionate about innovation and excellence. Web & Graphic Designer | Data Analysis | Software Development

### WORK EXPERIENCE

10/01/2023 – 06/2023 Tomar, Portugal

**RESEARCH FELLOW** INSTITUTE OF POLYTECHNIC, TOMAR

Project - CRASH - Development of a high precision reconstruction system designed to be used in a professional simulation environment related to real crash events.

- **Data Collection and Analysis:** Implemented data collection methodologies to gather critical crash event data, and analyzed the results for system calibration and validation.
- **Simulation Integration:** Collaborated with simulation software experts to seamlessly integrate the reconstruction system into a professional simulation environment.

01/10/2019 – 01/08/2021 Rawalpindi, Pakistan

**SOFTWARE DEVELOPER** ALPHA INSTITUTE OF INFORMATION TECHNOLOGY

- **Developed and Maintained Web Applications:** Utilized Python and Django, along with related technologies, to design, develop, and maintain web applications that met specific client or organizational requirements.
- **Database Management:** Integrated and managed databases to store and retrieve data efficiently, ensuring data integrity and security.
- **User Interface (UI) Design:** Collaborated with UI/UX designers to implement visually appealing and user-friendly interfaces, enhancing the overall user experience.
- **Version Control:** Managed codebase using version control systems like Git to facilitate collaboration and track changes effectively.

15/12/2021 – 30/06/2022 Riyadh, Saudi Arabia

**GRAPHICS DESIGNER** WASAIL SIGNS

#### Skills:

- Adobe Photoshop
- Adobe Illustrator
- Adobe premiere Pro

### EDUCATION AND TRAINING

01/08/2015 – 15/10/2019 Pakistan

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE** The University of Haripur

**Address** Haripur, KPK Pkistan, Pakistan

## ● LANGUAGE SKILLS

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Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	B2	C1	C1	C1	C1
<b>PORTUGUESE</b>	A1	A1	A1	A1	A1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## ● DIGITAL SKILLS

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Django | Python | C++ | Machine Learning | Artificial Intelligence | Numpy, pandas, matplotlib, Tensorflow | Scikit-Learn | Data Mining | DATABASE : SQL, SQL Lite | Database- MySQL | Web Technologies Fundamentals - HTML, CSS | Natural Language Processing | Sentiment Analysis | Networking(Routing, Switching) | Adobe illustrator | Adobe Photoschop

## ● VOLUNTEERING

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Pakistan

**General Secretary of Character Building and Restoring Hope Society University of Haripur**

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During my academic journey, I served as the General Secretary of the "Character Building and Restoring Hope Society" at the University of Haripur. Within the framework of this society, I spearheaded the organization of numerous events on campus. These events included a book fair, quiz competitions, speech competitions, as well as activities like archery, gun shooting, and paragliding.

## ● CERTIFICATION

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01/08/2018 – 01/10/2018

**HCIA-Routing & Switching**

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- I completed three-month training of HCIA Routing and Switching. It confirms my understanding of network fundamentals, routing, switching, security, and troubleshooting. This certification equips me to design, implement, and maintain secure network infrastructures, and I'm eager to apply this expertise to benefit organizations.

**Microsoft Office Specialist**

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I have successfully completed all the requirements to be recognized as a Microsoft office Specialist for Office word 2013, Office PowerPoint 2013 and Office Excel 2013.