Atif ullah khan

Work permit: Pakistani | **Place of birth:** Islamabad, Pakistan | **Nationality:** Pakistani | **Phone number:**

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ABOUT ME

I am a highly motivated and results-driven undergraduate specializing in Artificial Intelligence, seeking a summer internship to apply my academic insights to real-world challenges. I am eager to contribute to innovative projects and learn from seasoned industry professionals.

EDUCATION AND TRAINING

17/10/2022 – 17/10/2026 Haripur, Pakistan
BACHELOR'S IN ARTIFICIAL INTELLIGENCE Pak-Austria Fachhochschule Institute of Applied Sciences and Technology, Haripur, Pakistan

Website www.paf-iast.edu.pk | **Field of study** Artificial Intelligence

DIGITAL SKILLS

Artificial Intelligence & Data Science

Data Analysis | Machine Learning | Deep learnig | Knowledge-Based Development

Web Development

Django, Flask | HTML, CSS

Programming Languages

Python | C++

No-Code & CMS Platforms

WordPress

WORK EXPERIENCE

15/07/2024 – 15/09/2024 islamabad, Pakistan
AI-DRIVEN WEB DEVELOPMENT INTERNSHIP AT ZALMI-TECH, ISLAMABAD PAKISTAN

During my **Internship in AI-Driven Web Development**, I explored **React** for frontend development and worked on backend integration to create an **AI-powered healthcare website**. This platform enables users to **book consultancy sessions with doctors, receive AI-generated health suggestions, and automate the appointment scheduling process**. By leveraging AI, the system enhances user experience through intelligent recommendations and streamlines the entire consultation workflow.

Business or Sector Information and communication | **Website** www.zalmitech.com

15/08/2023 – 15/10/2023 Haripur, Pakistan
SUMMER INTERNSHIP AT SINO-PAK CENTER FOR ARTIFICIAL INTELLIGENCE, HARIPUR, PAKISTAN

As an intern at the Sino-Pak Center for Artificial Intelligence, Haripur, I worked with the Azure Kinect DK sensor to track and collect motion data. Using Azure's cloud services, I processed this data and developed an application that classifies and tracks individual body activities. This project involved leveraging AI and machine learning techniques to analyze movement patterns, enhancing real-time activity recognition and tracking.

Business or Sector Information and communication | **Website** www.paf-iast.edu.pk/spcai

CURRENT
FREELANCE AI & WEB DEVELOPER

As a **freelance AI and web developer**, I have successfully completed multiple projects for international clients, delivering **custom AI solutions, machine learning models, web applications, and data-driven systems**. My work focuses on solving real-world problems using **deep learning, computer vision, predictive analytics, cybersecurity, and optimization techniques**.

Key Freelance Projects:

1. AI & Machine Learning Solutions:
- Developed a **Deepfake Video Detection System** that utilizes AI-powered analysis to identify manipulated media.
- Built a **Personalized Activity Recognition Model** to classify and track individual activities using motion-tracking data.
- Designed a **Decision Tree-Based Search & Algorithm Visualizer** for interactive learning and debugging.
- Created a **Mobile Behavior Predictor** to analyze and forecast user behavior patterns on mobile devices.
- Implemented an **AI-Powered CAPTCHA Resolver** to bypass security challenges efficiently.

2. Data Science & Predictive Analytics:
- Conducted a **Big Data Churn Prediction Study** and developed a **web-based predictive app** to analyze customer retention trends.
- Utilized **genetic algorithms and feature engineering techniques** to optimize research and classification tasks.
- Built an **Internet Traffic Classification Model** to distinguish between **malicious hackers and normal users**, enhancing cybersecurity measures.
- Worked on the **classification of obfuscated and de-obfuscated code** for security and software integrity analysis.

3. Deep Learning & Neural Networks:
- Developed **Lung Cancer Classification Models** using neural networks to enhance early diagnosis.
- Built a **Digital Signal Classification System** utilizing deep learning for signal processing applications.
- Implemented various **AI-based optimization algorithms** to enhance accuracy and efficiency in predictive modeling.

Through my freelance projects, I have provided **high-quality, scalable, and efficient AI solutions** that cater to diverse industry needs. My ability to merge **AI with web development** allows me to build smart applications that automate processes, enhance decision-making, and improve user experiences.

ACADEMIC PROJECTS – AI & SOFTWARE DEVELOPMENT

As a 6th-semester student, I have developed the following projects, applying AI, NLP, big data, and software development to real-world problems.

- **Sentiment Analysis on Election Data:** Used NLP and machine learning to analyze public sentiment from social media during elections.
- **AI-Based News Aggregator:** Developed a Python tool for real-time news filtering and personalized recommendations.
- **AI-Powered Quiz Generator:** Built a system that creates quizzes from text and images using NLP and image processing.
- **E-commerce Store – "Traditional Laptop":** Developed a WordPress-based laptop store with secure transactions and user-friendly UI.
- **Student Management System (C++):** Designed a system to store student data and calculate GPA/CGPA efficiently.
- These projects demonstrate my technical skills and problem-solving abilities in AI and software development.

LANGUAGE SKILLS

Mother tongue(s):   **PASHTO**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
GERMAN LANGUAGE	A1	A1	A2	A1	A1

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