Asad Wali

Nationality: Pakistani   **Date of birth:** 8 Mar 1996

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📍 **Home:** Audit and Account Phase 1 House no. 4 Block F, 54000 Lahore (Pakistan)

ABOUT ME

I want to contribute my knowledge and skills efficiently for the organizational growth. My goal is to work in a challenging and professional environment to help the company meet and surpass its goals and diversify my experience in such an organization. I am always eager to learn new things and can prove to be a potential asset of the organization in the future.

WORK EXPERIENCE

Software engineer

APScholar [23 Aug 2023 – Current]

City: Texas | **Country:** United States

It is a US-based company specializing in SaaP products. The company focuses on developing innovative software solutions that cater to various industry needs, particularly in the education sector and machine learning projects.

Roles and Responsibilities:
1. Design UI/UX on Figma
2. Develop Website in React Js
3. Develop Machine Learning Algorithm
4. Implement U-Net Model on imagery satellite

Software engineer

ByteLogics [1 Dec 2022 – 31 Jul 2023]

City: Miami | **Country:** United States

It is a US-based company specializing in SaaS and SaaP-based robotics products and projects. The company is at the forefront of developing innovative robotic solutions that streamline operations and enhance productivity across various industries.

Roles and Responsibilities:

1. Developed advanced robotic solutions, contributing to the design and implementation of cutting-edge robotic systems in ROS and coppeliasim.
2. Utilized React.js to design and develop robust and responsive web applications, ensuring seamless user experiences integrated with robotic arm which works as co-pilot in cockpit.

Software engineer

Probase Application (AIXI) Pvt.Ltd [1 Feb 2021 – 30 Sep 2022]

City: Lahore | **Country:** Pakistan

Roles and Responsibilities:

1. **AIP Portal**: Designed and developed a comprehensive portal website using React.js, enhancing user experience and system efficiency.

2. **Sen-sight:** Created an intuitive healthcare website utilizing React.js, focusing on responsive design and user accessibility.
3. **Attendance Portal:** Developed an attendance tracking website in Angular, integrating seamless data management and real-time updates.

EDUCATION AND TRAINING

MPhil of Computer Science

Punjab University College of Information Technology (PUCIT) [5 Dec 2022 – 11 Sep 2024]

City: Lahore | **Country:** Pakistan | **Website:** https://pucit.edu.pk/ | **Level in EQF:** EQF level 6

Bachelor of Computer Science

University Of Central Punjab [8 Feb 2016 – 14 Feb 2020]

City: Lahore | **Country:** Pakistan | **Website:** https://ucp.edu.pk/ | **Level in EQF:** EQF level 6

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING B2 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

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

DIGITAL SKILLS

Artificial Intelligence

Python / Machine Learning / Deep Learning / Pandas / Matplotlib / Data Science / Supervise Learning / Annotation / Keras / Numpy / Tensorflow / Segmentation

Development

React Js / Api Integrations / Web Development / Html+CSS+JS / Angular JS / WEB DESIGN: HTML, SCSS, CSS, JAVASCRIPT, JQUERY, BOOTSTRAP, MATERIAL UI / HTML / SQL / Bootstrap

Designing

Photoshop / UI Design / UI/UX / JavaScript / Figma / Adobe XD

PUBLICATIONS

[2024]
An ensemble deep learning model for OCT Image Detection and Classification

[2024]
Optical Coherence Tomography (OCT) Image Classification for Retinal Disease Using a Random Forest Classifier

[2024]
Effects of Filters in Retinal Disease Detection on Optical Coherence Tomography (OCT) Images Using Machine Learning Classifiers

HONOURS AND AWARDS

[19 Feb 2022] Google
Google UX Design Professional Certificate
https://www.credly.com/badges/c4dc3d52-2573-4fbd-a234-edeec1f0bf8f?source=linked_in_profile

[26 Mar 2022] Google
Google Project Management Certificate
https://www.credly.com/badges/0972508e-8427-4c37-a22b-726ba1715270?source=linked_in_profile