

Munir Ahmad



ADDRESS

Mujahidabad Colony Khairpur Sadat
Tehsil Alipur
District, Muzaffargarh
Punjab, Pakistan

PERSONAL INFORMATION

DOB: 15th Feb 1991
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Email: mmkhanse@gmail.com

SUMMARY:

A reliable and efficient professional with a proven ability to impart knowledge to learners. Possesses excellent communication and interaction skills, along with a strong aptitude for conducting research in AI concepts.

CAREER OBJECTIVE:

To establish myself in the field of education, designing and developing software's, through my skills, knowledge and experience to help the students to make them capable to compete in the diversifying.

EDUCATION

| | |
|---|---------------------|
| University of Malaysia, Sarawak, Malaysia | 2022 - 2025 |
| PhD Electronic Engineering(Computer Vision) | |
| Abasyn University, Peshawar (Islamabad Campus), Pakistan | 2019 to 2022 |
| Master of Science in Software Engineering (MSSE) | |
| COMSATS Institute of Information Technology, Islamabad, Pakistan | 2013 to 2017 |
| Bachelor of Science in Software Engineering (BSSE) | |
| Punjab Board of Technical Education, Lahore, Pakistan | 2007 to 2010 |
| Diploma of Associate Engineering in computer Information Technology (DAE C.I.T) | |
| Board of Intermediate and Secondary Education, Dera Ghazi Khan, Pakistan | 2005 To 2007 |
| Matriculation | |

CERTIFICATION

| Degree Name | Institute/Board | Duration | Year |
|------------------|---|----------|----------------|
| Technical Course | Punjab Information Technology Board, Lahore | 3 Months | Completed 2020 |

TECHNICAL SKILLS AND PROFICIENCIES

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| <ul style="list-style-type: none">Python, MATLAB, Tensor Flow, PyTorch, OpenCV | <ul style="list-style-type: none">Open-source learning management system (LMS)Python with Framework | <ul style="list-style-type: none">PHP Laravel, Bootstrap, CodeIgnitor, WordPress HTML, CSS, Java script, Visual BasicGitHub, GitHub Actions, Git Flow |
| <ul style="list-style-type: none">MongoDB, MySQL, PL/SQL | <ul style="list-style-type: none">Repairing Computer hardware and Circuits | <ul style="list-style-type: none">Image Processing Tools and Techniques |
| <ul style="list-style-type: none">Basic VoIP Network Installation/configuration | <ul style="list-style-type: none">Switching and Virtualization | <ul style="list-style-type: none">VPN, VLAN, IP Routing, IoT |
| <ul style="list-style-type: none">Network monitoring, security appliance | <ul style="list-style-type: none">Basic CCTV Installations and configuration | <ul style="list-style-type: none">System administration, Network security and policies |
| <ul style="list-style-type: none">Windows and Software's installations | <ul style="list-style-type: none"> | <ul style="list-style-type: none">Active Directory and VMware |
| <ul style="list-style-type: none">Experience with cloud-based platforms (AWS, Azure, GCP). | <ul style="list-style-type: none">Knowledge of CI/CD (Continuous Integration/Continuous Delivery) pipelines. | <ul style="list-style-type: none">Experience with testing frameworks (Pytest, unittest). Strong communication and collaboration skills. |

PROFESSIONAL EXPERIENCE

ASSISTANT SYSTEM ADMINISTRATOR

Jun 2024 Til Now

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY, ISLAMABAD, PAKISTAN

- Administration and deployment of SAN/NAS & Virtual SAN
- Administration and deployment of VMware
- Good knowledge of Cloud Services including Azure & AWS
- Administration and deployment Server, Application and Network Monitoring Tools
- Expertise on Windows Server 2016/2019, AD, DC, DNS, DHCP
- Administration and deployment Exchange 2016
- LAN/WAN Trouble Shooting / uptime & maintenance and IP Management & Monitoring And Expertise of routing & Switching
- Installing and configuring computer hardware, software, systems, printers and scanners. And Repairing

IT CONSULTANT ENGINEER [REMOTELY] SHORT TERM PROJECT

Apr 2023 to Nov 2023

SEVEN EIGHTY ENTERPRISE, ALBERTA- AB, CANADA

- Consulting with clients to determine their Developments/IT needs and requirements, consulting with clients to identify their technical and business requirements
- Designing and implementing technical solutions based on clients' needs and specifications
- Analyzing, troubleshooting and resolving technical issues related to software applications
- Developing and maintaining software applications, systems, and networks
- Providing technical guidance and support to other team members
- Collaborating with other departments such as sales, marketing, and product development to ensure smooth delivery of services to clients
- Conducting technical training and presentations to clients and other stakeholders
- Staying up-to-date with the latest technological developments and trends in the industry
- Managing projects and ensuring timely delivery of services to clients
- Contributing to the development and implementation of company-wide IT policies, procedures and standards.

RESEARCH ASSOCIATE (MACHINE LEARNING) FUNDED PROJECT

Oct 2021 to Oct 2022

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY, ISLAMABAD, PAKISTAN

- Applying computer vision techniques and programming with languages like Python working with machine and deep learning libraries like Tensor Flow, PyTorch, MATLAB, Cuda, Jupiter's, Anaconda and Etc.
- Experience in working and methodology development with image analysis and machine/deep learning software packages.
- Conducting research and authoring academic papers and some contributing to our research strategy and
- Coordination with all other groups in organization (Network, finance, executive staff and Sales).
- Providing technical across the organization and network/System support to the user.
- Supervision of IT related projects implemented by third party (vendor) in the unit.
- Maintain documents and ledgers of inventory of hardware, Technical Stores and Etc
- Researching technical issues and learning about products updates and new technologies

LAB ASSISTANT (INFORMATION TECHNOLOGY)

Feb 2020 to Nov 2022

- Good knowledge of Cloud Services including Azure & AWS
- Administration and deployment Server, Application and Network Monitoring Tools
- Expertise on Windows Server 2016/2019, AD, DC, GPO, DNS, DHCP
- Administration and deployment Exchange 2016
- LAN/WAN Trouble Shooting And Expertise of routing & Switching
- Installing and configuring computer hardware, software, systems, printers and scanners. And Repairing
- Computer hardware and Electronics Devices and Circuit
- Monitoring and support maintaining the network and basic trouble shooting of CCTV
- Assistance to faculty and students in the operation of computers, multimedia projectors and related
- Equipment, Coordination with all other groups In organization (Network, finance, executive staff and Sales)
- Providing technical across the organization and network/System support to the user.

RESEARCH ASSISTANT (ARTIFICIAL INTELLIGENCE)**Mar 2019 to Feb 2020**

- Collect information on new robotics, mechatronics and intelligent system technology and applications for industries, especially the manufacturing industry, so as to work with team to identify the potential solutions for industries' productivity improvement and innovation.
- Support the assigned R&D work and solution development on intelligent machine and intelligent manufacturing with new technologies, including but not limited to intelligent mechatronics, robotics, data acquisition IoT, sensors, machine vision, actuators, human-machine collaboration, etc.
- Assist the project leader to carry out applied R&D tasks against the plan and complete the projects (including
- R&D work, project documents, technical report and paper, patents, etc.) as scheduled with high standard
- Follow up the suppliers/vendors to deliver services as requested
- Installing and configuring computer hardware, software, Windows, Printers and Scanners.

PYTHON DEVELOPER AND SOFTWARE ENGINEER (LARAVEL)**Mar 2017 to Feb 2019****S SOLUTION TECHNOLOGIES LIMITED**

- Strong proficiency in Python programming language.
- Knowledge of Python frameworks (Django) or libraries (NumPy, Pandas, etc.) relevant to the specific role.
- Design, develop, and maintain Laravel web applications. Experience with version control systems (Git).
- Good problem-solving and analytical skills.
- Attention to detail and ability to write clean, well-documented code.
- Ability to work independently and as part of a team.
- Troubleshoot and debug Laravel applications.
- Work with a variety of technologies, including HTML, CSS, JavaScript, and PHP.
- Collaborate with other developers and stakeholders to deliver high-quality products.

Research Publication:

1. M. Ahmad, K. Zaheer, A. Javed, S. Tariq, N. Raza and S. Adil Ali Chishit, "An Active Queue Management to Assist Time-critical Applications in Rural Area Networks using deep learning," 2023 3rd International Conference on Digital Futures and Transformative Technologies (ICoDT2), Islamabad, Pakistan, 2023, pp. 1-6, doi: 10.1109/ICoDT259378.2023.10325749. <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=10325749&isnumber=10325690>
2. Ahmad, M., Amjad, M. E., Umair, M., Gul, H., Din, F. ud, & Hussain, M. S. (2024). Sight and Speech: Exploring Attention in Vision-Language Learning. VAWKUM Transactions on Computer Sciences, 12(1), 194–204. <https://doi.org/10.21015/vtcs.v12i1.1792>
3. Ahmad, M., Chohan, M. K., Qureshi, M. Z., & Gul, H. (2024). Understanding and Enhancing Diversity in Generative Models. IJAMC: International Journal of Applied Mathematics and Computing, Vol. 1, No. 2 April2024e-ISSN: 3047-146X, Hal 01-11,. <https://international.arimsi.or.id/index.php/IJAMC/article/view/16/16>
4. Ahmad M. H., Bouabdallah, A., Zemoura, N., & Imran, M. (2024). *Exploring Human-Robot Interaction and Collaboration for Real-World Applications*. 12(2), 52–60. https://www.ieeesem.com/journal_volume12_issue2_February_2024_edition.html
5. Gul, H., Amjad, M. E., Qazi, A. B., & Ahmad, M. (2024). Cross-border logistics between Pakistan and China: Exploring the potential for Freight Entrepreneurs in CPEC. 12(3), 1–17. https://www.ieeesem.com/journal_volume12_issue3_March_2024_edition.html

Conference Presentation:

- Advancements for building computer-based intelligence-based it foundation stage in Pakistan IT adventures. International Bandırma Scientific Studies Conference (Ases), March 15-17, 2024, Balıkesir, Türkiye, Book II, P-469
- Rules of Risk Manager in Integrated Risk Management System (Irms) in It Industry: 7th international cukurova agriculture and veterinary congress, (Siirt University, Ege University & IKSAD Institute)9-10 march 2024.
- Ai Software Architecture Is The Blueprint Of An Ai System Is Built, Organized, And Connected By Python: INTERNATIONAL PALANDÖKEN SCIENTIFIC STUDIES CONGRESS, (INTERNATIONAL SCIENCE AND ART RESEARCH Center) 09-10 MARCH 2024 ERZURUM/TURKEY

Languages:

English (fluent), Urdu, Punjabi (fluent), Saraiki.

REFERENCE'S & CERTIFICATES WILL BE AVAILABLE UPON REQUEST